

{[n,q,k]}	Generator Polynomial	Weight Numerator	{Avg Wt,Std}
{[8, 2, 0]}	0	$\frac{1}{256} z^8 + \frac{1}{32} z^7 + \frac{7}{64} z^6 + \frac{7}{32} z^5 + \frac{35}{128} z^4 + \frac{7}{32} z^3 + \frac{7}{64} z^2 + \frac{1}{32} z + \frac{1}{256}$	$\{[4, \sqrt{2}]\}$
{[9, 2, 1]}	$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^9 + 1$	$\left\{\left[\frac{9}{2}, \frac{9}{2}\right]\right\}$
{[10, 2, 2]}	$x^8 + x^6 + x^4 + x^2 + 1$	$z^{10} + 2 z^5 + 1$	$\left\{\left[5, \frac{5\sqrt{2}}{2}\right]\right\}$
{[12, 2, 4]}	$x^8 + x^4 + 1$	$z^{12} + 4 z^9 + 6 z^6 + 4 z^3 + 1$	$\{[6, 3]\}$
{[12, 2, 4]}	$x^8 + x^6 + x^2 + 1$	$9 z^8 + 6 z^4 + 1$	$\{[6, \sqrt{6}]\}$
{[12, 2, 4]}	$x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{12} + 3 z^8 + 8 z^6 + 3 z^4 + 1$	$\{[6, \sqrt{6}]\}$
{[14, 2, 6]}	$x^8 + x^4 + x^2 + 1$	$49 z^8 + 14 z^4 + 1$	$\left\{\left[7, \frac{\sqrt{14}}{2}\right]\right\}$
{[14, 2, 6]}	$x^8 + x^6 + x^4 + 1$	$49 z^8 + 14 z^4 + 1$	$\left\{\left[7, \frac{\sqrt{14}}{2}\right]\right\}$
{[14, 2, 6]}	$x^8 + x^7 + x + 1$	$7 z^{12} + 35 z^8 + 21 z^4 + 1$	$\{[7, \sqrt{7}]\}$
{[15, 2, 7]}	$x^8 + x^4 + x^2 + x + 1$	$z^{15} + 18 z^{10} + 30 z^9 + 15 z^8 + 15 z^7 + 30 z^6 + 18 z^5 + 1$	$\left\{\left[\frac{15}{2}, \frac{\sqrt{15}}{2}\right]\right\}$
{[15, 2, 7]}	$x^8 + x^7 + x^6 + x^4 + 1$	$z^{15} + 18 z^{10} + 30 z^9 + 15 z^8 + 15 z^7 + 30 z^6 + 18 z^5 + 1$	$\left\{\left[\frac{15}{2}, \frac{\sqrt{15}}{2}\right]\right\}$
{[15, 2, 7]}	$x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$	$z^{15} + 5 z^{12} + 3 z^{10} + 25 z^9 + 30 z^8 + 30 z^7 + 25 z^6 + 3 z^5 + 5 z^3 + 1$	$\left\{\left[\frac{15}{2}, \frac{\sqrt{15}}{2}\right]\right\}$
{[16, 2, 8]}	$x^8 + 1$	$z^{16} + 8 z^{14} + 28 z^{12} + 56 z^{10} + 70 z^8 + 56 z^6 + 28 z^4 + 8 z^2 + 1$	$\{[8, 2\sqrt{2}]\}$
{[17, 2, 9]}	$x^8 + x^5 + x^4 + x^3 + 1$	$z^{17} + 34 z^{12} + 68 z^{11} + 68 z^{10} + 85 z^9 + 85 z^8 + 68 z^7 + 68 z^6 + 34 z^5 + 1$	$\left\{\left[\frac{17}{2}, \frac{\sqrt{17}}{2}\right]\right\}$
{[17, 2, 9]}	$x^8 + x^7 + x^6 + x^4 + x^2 + x + 1$	$z^{17} + 34 z^{12} + 68 z^{11} + 68 z^{10} + 85 z^9 + 85 z^8 + 68 z^7 + 68 z^6 + 34 z^5 + 1$	$\left\{\left[\frac{17}{2}, \frac{\sqrt{17}}{2}\right]\right\}$

$\{[18, 2, 10]\}$	$x^8+x^6+x^5+x^3+x^2+1$	$9z^{16}+180z^{12}+288z^{10}+414z^8+96z^6+36z^4+1$	$\left\{\left[9, \frac{3\sqrt{2}}{2}\right]\right\}$
$\{[18, 2, 10]\}$	$x^8+x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$z^{18}+9z^{16}+36z^{14}+84z^{12}+126z^{10}+512z^9+126z^8+84z^6+36z^4+9z^2+1$	$\left\{\left[9, \frac{3\sqrt{2}}{2}\right]\right\}$
$\{[20, 2, 12]\}$	$x^8+x^6+x^4+x^2+1$	$z^{20}+10z^{18}+45z^{16}+64z^{15}+120z^{14}+320z^{13}+210z^{12}+640z^{11}+1276z^{10}+640z^9+210z^8+320z^7+120z^6+64z^5+45z^4+10z^2+1$	$\{[10, \sqrt{5}]\}$
$\{[20, 2, 12]\}$	$x^8+x^7+x^6+x^5+x^3+x^2+x+1$	$65z^{16}+240z^{14}+1020z^{12}+1440z^{10}+1030z^8+240z^6+60z^4+1$	$\{[10, \sqrt{5}]\}$
$\{[21, 2, 13]\}$	$x^8+x^6+x^3+x+1$	$z^{21}+7z^{18}+21z^{17}+84z^{16}+189z^{15}+399z^{14}+903z^{13}+1295z^{12}+1197z^{11}+1197z^{10}+1295z^9+903z^8+399z^7+189z^6+84z^5+21z^4+7z^3+1$	$\left\{\left[\frac{21}{2}, \frac{\sqrt{21}}{2}\right]\right\}$
$\{[21, 2, 13]\}$	$x^8+x^6+x^5+x^4+x^3+x^2+1$	$z^{21}+63z^{17}+210z^{15}+546z^{14}+735z^{13}+1281z^{12}+1260z^{11}+1260z^{10}+1281z^9+735z^8+546z^7+210z^6+63z^4+1$	$\left\{\left[\frac{21}{2}, \frac{\sqrt{21}}{2}\right]\right\}$
$\{[21, 2, 13]\}$	$x^8+x^7+x^5+x^2+1$	$z^{21}+7z^{18}+21z^{17}+84z^{16}+189z^{15}+399z^{14}+903z^{13}+1295z^{12}+1197z^{11}+1197z^{10}+1295z^9+903z^8+399z^7+189z^6+84z^5+21z^4+7z^3+1$	$\left\{\left[\frac{21}{2}, \frac{\sqrt{21}}{2}\right]\right\}$
$\{[24, 2, 16]\}$	$x^8+1$	$6561z^{16}+17496z^{14}+20412z^{12}+13608z^{10}+5670z^8+1512z^6+252z^4+24z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 16]\}$	$x^8+x^4+1$	$z^{24}+12z^{22}+32z^{21}+66z^{20}+288z^{19}+604z^{18}+1152z^{17}+2799z^{16}+4736z^{15}+6552z^{14}+10176z^{13}+12700z^{12}+10176z^{11}+6552z^{10}+4736z^9+2799z^8+1152z^7+604z^6+288z^5+66z^4+32z^3+12z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 16]\}$	$x^8+x^6+x^2+1$	$z^{24}+12z^{22}+162z^{20}+988z^{18}+5487z^{16}+15384z^{14}+21468z^{12}+15384z^{10}+5487z^8+988z^6+162z^4+12z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 16]\}$	$x^8+x^7+x^6+x^2+x+1$	$z^{24}+12z^{22}+114z^{20}+1116z^{18}+5679z^{16}+14232z^{14}+23228z^{12}+14232z^{10}+5679z^8+1116z^6+114z^4+12z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 16]\}$	$x^8+x^7+x^5+x^3+x+1$	$z^{24}+126z^{20}+864z^{18}+6015z^{16}+15264z^{14}+20996z^{12}+15264z^{10}+6015z^8+864z^6+126z^4+1$	$\{[12, \sqrt{6}]\}$

$\{[27, 2, 19]\}$	$x^8+x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$z^{27}+27z^{25}+324z^{23}+2268z^{21}+10206z^{19}+19683z^{18}$ $+30618z^{17}+59049z^{16}+61236z^{15}+78732z^{14}+78732z^{13}$ $+61236z^{12}+59049z^{11}+30618z^{10}+19683z^9+10206z^8$ $+2268z^6+324z^4+27z^2+1$	$\left\{ \left[ \frac{27}{2}, \frac{3\sqrt{3}}{2} \right] \right\}$
$\{[28, 2, 20]\}$	$x^8+x^4+x^2+1$	$z^{28}+14z^{26}+315z^{24}+2604z^{22}+23625z^{20}+104146z^{18}$ $+238203z^{16}+310760z^{14}+238203z^{12}+104146z^{10}$ $+23625z^8+2604z^6+315z^4+14z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 20]\}$	$x^8+x^6+x^4+1$	$z^{28}+14z^{26}+315z^{24}+2604z^{22}+23625z^{20}+104146z^{18}$ $+238203z^{16}+310760z^{14}+238203z^{12}+104146z^{10}$ $+23625z^8+2604z^6+315z^4+14z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 20]\}$	$x^8+x^7+x+1$	$z^{28}+14z^{26}+427z^{24}+3724z^{22}+25081z^{20}+96082z^{18}$ $+236635z^{16}+324648z^{14}+236635z^{12}+96082z^{10}$ $+25081z^8+3724z^6+427z^4+14z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[30, 2, 22]\}$	$x^8+x^2+1$	$z^{30}+70z^{27}+210z^{26}+336z^{25}+1785z^{24}+8220z^{23}+23655z^{22}$ $+55440z^{21}+117810z^{20}+216090z^{19}+335580z^{18}$ $+460320z^{17}+569535z^{16}+616200z^{15}+569535z^{14}$ $+460320z^{13}+335580z^{12}+216090z^{11}+117810z^{10}$ $+55440z^9+23655z^8+8220z^7+1785z^6+336z^5+210z^4$ $+70z^3+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^4+x^2+x+1$	$z^{30}+15z^{28}+105z^{26}+576z^{25}+2375z^{24}+7680z^{23}+22485z^{22}$ $+56640z^{21}+117435z^{20}+215040z^{19}+339085z^{18}$ $+458880z^{17}+567075z^{16}+619520z^{15}+567075z^{14}$ $+458880z^{13}+339085z^{12}+215040z^{11}+117435z^{10}$ $+56640z^9+22485z^8+7680z^7+2375z^6+576z^5+105z^4$ $+15z^2+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^5+x^3+1$	$15z^{28}+240z^{26}+5015z^{24}+43920z^{22}+236523z^{20}+676320z^{18}$ $+1136835z^{16}+1130400z^{14}+681325z^{12}+233520z^{10}$ $+45285z^8+4560z^6+345z^4+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
		$z^{30}+30z^{28}+405z^{26}+486z^{25}+3240z^{24}+8100z^{23}+17010z^{22}$ $+56430z^{21}+120285z^{20}+212400z^{19}+349920z^{18}$	

$\{[30, 2, 22]\}$	$x^8+x^6+x^4+x^2+1$	$+466860 z^{17}+557685 z^{16}+608600 z^{15}+557685 z^{14}$ $+466860 z^{13}+349920 z^{12}+212400 z^{11}+120285 z^{10}$ $+56430 z^9+17010 z^8+8100 z^7+3240 z^6+486 z^5+405 z^4$ $+30 z^2+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^6+1$	$z^{30}+70 z^{27}+210 z^{26}+336 z^{25}+1785 z^{24}+8220 z^{23}+23655 z^{22}$ $+55440 z^{21}+117810 z^{20}+216090 z^{19}+335580 z^{18}$ $+460320 z^{17}+569535 z^{16}+616200 z^{15}+569535 z^{14}$ $+460320 z^{13}+335580 z^{12}+216090 z^{11}+117810 z^{10}$ $+55440 z^9+23655 z^8+8220 z^7+1785 z^6+336 z^5+210 z^4$ $+70 z^3+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^6+x^5+x^4+x+1$	$15 z^{28}+120 z^{26}+4975 z^{24}+45000 z^{22}+235923 z^{20}+673840 z^{18}$ $+1138995 z^{16}+1132560 z^{14}+678845 z^{12}+232920 z^{10}$ $+46365 z^8+4520 z^6+225 z^4+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^6+x^5+x^3+x^2+x+1$	$z^{30}+10 z^{27}+90 z^{26}+600 z^{25}+2385 z^{24}+7860 z^{23}+22815 z^{22}$ $+55800 z^{21}+117210 z^{20}+214230 z^{19}+338220 z^{18}$ $+465840 z^{17}+567855 z^{16}+608472 z^{15}+567855 z^{14}$ $+465840 z^{13}+338220 z^{12}+214230 z^{11}+117210 z^{10}$ $+55800 z^9+22815 z^8+7860 z^7+2385 z^6+600 z^5+90 z^4$ $+10 z^3+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^7+x^6+x^5+x^3+x^2+1$	$z^{30}+10 z^{27}+90 z^{26}+600 z^{25}+2385 z^{24}+7860 z^{23}+22815 z^{22}$ $+55800 z^{21}+117210 z^{20}+214230 z^{19}+338220 z^{18}$ $+465840 z^{17}+567855 z^{16}+608472 z^{15}+567855 z^{14}$ $+465840 z^{13}+338220 z^{12}+214230 z^{11}+117210 z^{10}$ $+55800 z^9+22815 z^8+7860 z^7+2385 z^6+600 z^5+90 z^4$ $+10 z^3+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^7+x^6+x^4+1$	$z^{30}+15 z^{28}+105 z^{26}+576 z^{25}+2375 z^{24}+7680 z^{23}+22485 z^{22}$ $+56640 z^{21}+117435 z^{20}+215040 z^{19}+339085 z^{18}$ $+458880 z^{17}+567075 z^{16}+619520 z^{15}+567075 z^{14}$ $+458880 z^{13}+339085 z^{12}+215040 z^{11}+117435 z^{10}$ $+56640 z^9+22485 z^8+7680 z^7+2375 z^6+576 z^5+105 z^4$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$

		$+15z^2+1$	
$\{[30, 2, 22]\}$	$x^8+x^7+x^5+x^4+x^3+x+1$	$z^{30}+15z^{28}+40z^{27}+105z^{26}+576z^{25}+2055z^{24}+7440z^{23}$ $+23445z^{22}+56640z^{21}+117435z^{20}+215640z^{19}$ $+336525z^{18}+458880z^{17}+568995z^{16}+618720z^{15}$ $+568995z^{14}+458880z^{13}+336525z^{12}+215640z^{11}$ $+117435z^{10}+56640z^9+23445z^8+7440z^7+2055z^6$ $+576z^5+105z^4+40z^3+15z^2+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^7+x^4+x^3+x^2+1$	$15z^{28}+120z^{26}+4975z^{24}+45000z^{22}+235923z^{20}+673840z^{18}$ $+1138995z^{16}+1132560z^{14}+678845z^{12}+232920z^{10}$ $+46365z^8+4520z^6+225z^4+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 22]\}$	$x^8+x^7+x^4+x+1$	$z^{30}+150z^{26}+480z^{25}+2405z^{24}+8160z^{23}+22275z^{22}$ $+56160z^{21}+117510z^{20}+213120z^{19}+339460z^{18}$ $+465600z^{17}+566775z^{16}+610112z^{15}+566775z^{14}$ $+465600z^{13}+339460z^{12}+213120z^{11}+117510z^{10}$ $+56160z^9+22275z^8+8160z^7+2405z^6+480z^5+150z^4+1$	$\left\{ \left[ 15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[32, 2, 24]\}$	$x^8+1$	$z^{32}+48z^{30}+1016z^{28}+12432z^{26}+96796z^{24}+496944z^{22}$ $+1684424z^{20}+3668496z^{18}+4856902z^{16}+3668496z^{14}$ $+1684424z^{12}+496944z^{10}+96796z^8+12432z^6+1016z^4$ $+48z^2+1$	$\{[16, 2\sqrt{2}]\}$
$\{[34, 2, 26]\}$	$x^8+x^5+x^4+x^3+1$	$z^{34}+17z^{32}+136z^{30}+1088z^{29}+5032z^{28}+21760z^{27}+72012z^{26}$ $+202368z^{25}+511020z^{24}+1118464z^{23}+2140504z^{22}$ $+3637184z^{21}+5442040z^{20}+7215616z^{19}+8606454z^{18}$ $+9161472z^{17}+8606454z^{16}+7215616z^{15}+5442040z^{14}$ $+3637184z^{13}+2140504z^{12}+1118464z^{11}+511020z^{10}$ $+202368z^9+72012z^8+21760z^7+5032z^6+1088z^5+136z^4$ $+17z^2+1$	$\left\{ \left[ 17, \frac{\sqrt{34}}{2} \right] \right\}$
$\{[34, 2, 26]\}$	$x^8+x^7+x^6+x^4+x^2+x+1$	$z^{34}+17z^{32}+136z^{30}+1088z^{29}+5032z^{28}+21760z^{27}+72012z^{26}$ $+202368z^{25}+511020z^{24}+1118464z^{23}+2140504z^{22}$ $+3637184z^{21}+5442040z^{20}+7215616z^{19}+8606454z^{18}$ $+9161472z^{17}+8606454z^{16}+7215616z^{15}+5442040z^{14}$	

		$+3637184 z^{13} + 2140504 z^{12} + 1118464 z^{11} + 511020 z^{10}$ $+ 202368 z^9 + 72012 z^8 + 21760 z^7 + 5032 z^6 + 1088 z^5 + 136 z^4$ $+ 17 z^2 + 1$	$\left\{ \left[ 17, \frac{\sqrt{34}}{2} \right] \right\}$
$\{[35, 2, 27]\}$	$x^8 + x^6 + x^5 + x^3 + x + 1$	$2100 z^{30} + 52535 z^{28} + 556640 z^{26} + 3258255 z^{24} + 11510100 z^{22}$ $+ 25403707 z^{20} + 35460320 z^{18} + 31688755 z^{16}$ $+ 18123420 z^{14} + 6538805 z^{12} + 1426880 z^{10} + 182525 z^8$ $+ 13020 z^6 + 665 z^4 + 1$	$\left\{ \left[ \frac{35}{2}, \frac{\sqrt{35}}{2} \right] \right\}$
$\{[35, 2, 27]\}$	$x^8 + x^7 + x^5 + x^3 + x^2 + 1$	$2100 z^{30} + 52535 z^{28} + 556640 z^{26} + 3258255 z^{24} + 11510100 z^{22}$ $+ 25403707 z^{20} + 35460320 z^{18} + 31688755 z^{16}$ $+ 18123420 z^{14} + 6538805 z^{12} + 1426880 z^{10} + 182525 z^8$ $+ 13020 z^6 + 665 z^4 + 1$	$\left\{ \left[ \frac{35}{2}, \frac{\sqrt{35}}{2} \right] \right\}$
$\{[36, 2, 28]\}$	$x^8 + x^4 + 1$	$z^{36} + 36 z^{34} + 108 z^{33} + 594 z^{32} + 3024 z^{31} + 10314 z^{30} + 37944 z^{29}$ $+ 127575 z^{28} + 359644 z^{27} + 947700 z^{26} + 2303748 z^{25}$ $+ 4882437 z^{24} + 9058392 z^{23} + 14939478 z^{22} + 21879072 z^{21}$ $+ 28539729 z^{20} + 33466932 z^{19} + 35322000 z^{18}$ $+ 33466932 z^{17} + 28539729 z^{16} + 21879072 z^{15}$ $+ 14939478 z^{14} + 9058392 z^{13} + 4882437 z^{12} + 2303748 z^{11}$ $+ 947700 z^{10} + 359644 z^9 + 127575 z^8 + 37944 z^7 + 10314 z^6$ $+ 3024 z^5 + 594 z^4 + 108 z^3 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 28]\}$	$x^8 + x^6 + x^2 + 1$	$729 z^{32} + 18468 z^{30} + 246888 z^{28} + 1936332 z^{26} + 9767556 z^{24}$ $+ 29791044 z^{22} + 57079080 z^{20} + 70721100 z^{18}$ $+ 57163374 z^{16} + 29735244 z^{14} + 9754296 z^{12} + 1964484 z^{10}$ $+ 237492 z^8 + 18252 z^6 + 1080 z^4 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 28]\}$	$x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$z^{36} + 18 z^{34} + 729 z^{32} + 15024 z^{30} + 235188 z^{28} + 1978488 z^{26}$ $+ 9812676 z^{24} + 29625552 z^{22} + 57060270 z^{20}$ $+ 70979564 z^{18} + 57060270 z^{16} + 29625552 z^{14}$ $+ 9812676 z^{12} + 1978488 z^{10} + 235188 z^8 + 15024 z^6 + 729 z^4$ $+ 18 z^2 + 1$	$\{[18, 3]\}$

$\{[36, 2, 28]\}$	$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{36} + 54 z^{34} + 1305 z^{32} + 18576 z^{30} + 172404 z^{28} + 262144 z^{27}$ $+ 1090152 z^{26} + 2359296 z^{25} + 4762884 z^{24} + 9437184 z^{23}$ $+ 14271984 z^{22} + 22020096 z^{21} + 28552302 z^{20}$ $+ 33030144 z^{19} + 36478404 z^{18} + 33030144 z^{17}$ $+ 28552302 z^{16} + 22020096 z^{15} + 14271984 z^{14}$ $+ 9437184 z^{13} + 4762884 z^{12} + 2359296 z^{11} + 1090152 z^{10}$ $+ 262144 z^9 + 172404 z^8 + 18576 z^6 + 1305 z^4 + 54 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 28]\}$	$x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{36} + 36 z^{34} + 837 z^{32} + 17928 z^{30} + 245592 z^{28} + 1941120 z^{26}$ $+ 9771600 z^{24} + 29767032 z^{22} + 57090834 z^{20}$ $+ 70765496 z^{18} + 57090834 z^{16} + 29767032 z^{14}$ $+ 9771600 z^{12} + 1941120 z^{10} + 245592 z^8 + 17928 z^6 + 837 z^4$ $+ 36 z^2 + 1$	$\{[18, 3]\}$
$\{[40, 2, 32]\}$	$x^8 + 1$	$390625 z^{32} + 6250000 z^{30} + 44375000 z^{28} + 183750000 z^{26}$ $+ 490437500 z^{24} + 880250000 z^{22} + 1076425000 z^{20}$ $+ 891750000 z^{18} + 492043750 z^{16} + 178350000 z^{14}$ $+ 43057000 z^{12} + 7042000 z^{10} + 784700 z^8 + 58800 z^6$ $+ 2840 z^4 + 80 z^2 + 1$	$\{[20, \sqrt{10}]\}$
$\{[40, 2, 32]\}$	$x^8 + x^6 + x^4 + x^2 + 1$	$z^{40} + 60 z^{38} + 1630 z^{36} + 2048 z^{35} + 26460 z^{34} + 71680 z^{33}$ $+ 285165 z^{32} + 1075200 z^{31} + 3191728 z^{30} + 9041920 z^{29}$ $+ 21961960 z^{28} + 46950400 z^{27} + 91125360 z^{26}$ $+ 157136896 z^{25} + 244776210 z^{24} + 346736640 z^{23}$ $+ 442265160 z^{22} + 512727040 z^{21} + 540216180 z^{20}$ $+ 512727040 z^{19} + 442265160 z^{18} + 346736640 z^{17}$ $+ 244776210 z^{16} + 157136896 z^{15} + 91125360 z^{14}$ $+ 46950400 z^{13} + 21961960 z^{12} + 9041920 z^{11} + 3191728 z^{10}$ $+ 1075200 z^9 + 285165 z^8 + 71680 z^7 + 26460 z^6 + 2048 z^5$ $+ 1630 z^4 + 60 z^2 + 1$	$\{[20, \sqrt{10}]\}$
$\{[40, 2, 32]\}$	$x^8 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$z^{40} + 20 z^{38} + 1150 z^{36} + 31860 z^{34} + 598765 z^{32} + 6589584 z^{30}$ $+ 43703400 z^{28} + 181366480 z^{26} + 490867730 z^{24}$ $+ 885753880 z^{22} + 1077141556 z^{20} + 885753880 z^{18}$	$\{[20, \sqrt{10}]\}$

		$+490867730 z^{16} + 181366480 z^{14} + 43703400 z^{12}$ $+6589584 z^{10} + 598765 z^8 + 31860 z^6 + 1150 z^4 + 20 z^2 + 1$	
$\{[42, 2, 34]\}$	$x^8 + x^3 + x + 1$	$21 z^{40} + 672 z^{38} + 42322 z^{36} + 916608 z^{34} + 11511549 z^{32}$ $+ 86356480 z^{30} + 413033784 z^{28} + 1300758144 z^{26}$ $+ 2763397546 z^{24} + 4013825088 z^{22} + 4014177804 z^{20}$ $+ 2763103616 z^{18} + 1300961634 z^{16} + 412917504 z^{14}$ $+ 86410744 z^{12} + 11491200 z^{10} + 922593 z^8 + 40992 z^6$ $+ 882 z^4 + 1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8 + x^4 + x^2 + 1$	$35721 z^{36} + 928746 z^{34} + 11602521 z^{32} + 86144688 z^{30}$ $+ 412827732 z^{28} + 1301693400 z^{26} + 2762947012 z^{24}$ $+ 4012732752 z^{22} + 4015450782 z^{20} + 2763230652 z^{18}$ $+ 1300163886 z^{16} + 413194704 z^{14} + 86521316 z^{12}$ $+ 11439960 z^{10} + 907956 z^8 + 45360 z^6 + 1953 z^4 + 42 z^2 + 1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8 + x^5 + x^4 + x^3 + x + 1$	$z^{42} + 987 z^{38} + 39907 z^{36} + 927108 z^{34} + 11483241 z^{32}$ $+ 86405788 z^{30} + 412976844 z^{28} + 1300810014 z^{26}$ $+ 2763327476 z^{24} + 4013963226 z^{22} + 4013963226 z^{20}$ $+ 2763327476 z^{18} + 1300810014 z^{16} + 412976844 z^{14}$ $+ 86405788 z^{12} + 11483241 z^{10} + 927108 z^8 + 39907 z^6$ $+ 987 z^4 + 1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8 + x^6 + x^4 + 1$	$35721 z^{36} + 928746 z^{34} + 11602521 z^{32} + 86144688 z^{30}$ $+ 412827732 z^{28} + 1301693400 z^{26} + 2762947012 z^{24}$ $+ 4012732752 z^{22} + 4015450782 z^{20} + 2763230652 z^{18}$ $+ 1300163886 z^{16} + 413194704 z^{14} + 86521316 z^{12}$ $+ 11439960 z^{10} + 907956 z^8 + 45360 z^6 + 1953 z^4 + 42 z^2 + 1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8 + x^6 + x^3 + x + 1$	$z^{42} + 21 z^{40} + 56 z^{39} + 546 z^{38} + 3696 z^{37} + 19138 z^{36} + 102648 z^{35}$ $+ 464289 z^{34} + 1746304 z^{33} + 5749821 z^{32} + 16732128 z^{31}$ $+ 43176056 z^{30} + 99634752 z^{29} + 206511672 z^{28}$ $+ 385460320 z^{27} + 650437410 z^{26} + 994971264 z^{25}$ $+ 1381576938 z^{24} + 1744664208 z^{23} + 2007031404 z^{22}$ $+ 2103303840 z^{21} + 2007031404 z^{20} + 1744664208 z^{19}$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$



		$+1381576938 z^{18} + 994971264 z^{17} + 650437410 z^{16}$ $+385460320 z^{15} + 206511672 z^{14} + 99634752 z^{13}$ $+43176056 z^{12} + 16732128 z^{11} + 5749821 z^{10} + 1746304 z^9$ $+464289 z^8 + 102648 z^7 + 19138 z^6 + 3696 z^5 + 546 z^4 + 56 z^3$ $+21 z^2 + 1$	
$\{[42, 2, 34]\}$	$x^8 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{42} + 21 z^{40} + 1218 z^{38} + 31906 z^{36} + 69888 z^{35} + 532833 z^{34}$ $+1634304 z^{33} + 5853309 z^{32} + 16810752 z^{31} + 42684600 z^{30}$ $+100552704 z^{29} + 205644792 z^{28} + 385421568 z^{27}$ $+651973602 z^{26} + 992366592 z^{25} + 1383710762 z^{24}$ $+1744657152 z^{23} + 2004534252 z^{22} + 2106908672 z^{21}$ $+2004534252 z^{20} + 1744657152 z^{19} + 1383710762 z^{18}$ $+992366592 z^{17} + 651973602 z^{16} + 385421568 z^{15}$ $+205644792 z^{14} + 100552704 z^{13} + 42684600 z^{12}$ $+16810752 z^{11} + 5853309 z^{10} + 1634304 z^9 + 532833 z^8$ $+69888 z^7 + 31906 z^6 + 1218 z^4 + 21 z^2 + 1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8 + x^7 + x^6 + x^4 + x^3 + x + 1$	$z^{42} + 84 z^{39} + 567 z^{38} + 3360 z^{37} + 19887 z^{36} + 103572 z^{35}$ $+460404 z^{34} + 1749440 z^{33} + 5758137 z^{32} + 16705584 z^{31}$ $+43169084 z^{30} + 99708672 z^{29} + 206506380 z^{28}$ $+385362096 z^{27} + 650457486 z^{26} + 994996800 z^{25}$ $+1381554244 z^{24} + 1744788024 z^{23} + 2007041106 z^{22}$ $+2103099328 z^{21} + 2007041106 z^{20} + 1744788024 z^{19}$ $+1381554244 z^{18} + 994996800 z^{17} + 650457486 z^{16}$ $+385362096 z^{15} + 206506380 z^{14} + 99708672 z^{13}$ $+43169084 z^{12} + 16705584 z^{11} + 5758137 z^{10} + 1749440 z^9$ $+460404 z^8 + 103572 z^7 + 19887 z^6 + 3360 z^5 + 567 z^4 + 84 z^3$ $+1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
		$z^{42} + 84 z^{39} + 567 z^{38} + 3360 z^{37} + 19887 z^{36} + 103572 z^{35}$ $+460404 z^{34} + 1749440 z^{33} + 5758137 z^{32} + 16705584 z^{31}$ $+43169084 z^{30} + 99708672 z^{29} + 206506380 z^{28}$ $+385362096 z^{27} + 650457486 z^{26} + 994996800 z^{25}$ $+1381554244 z^{24} + 1744788024 z^{23} + 2007041106 z^{22}$	

$\{[42, 2, 34]\}$	$x^8+x^7+x^5+x^4+x^2+x+1$	$+2103099328 z^{21}+2007041106 z^{20}+1744788024 z^{19}$ $+1381554244 z^{18}+994996800 z^{17}+650457486 z^{16}$ $+385362096 z^{15}+206506380 z^{14}+99708672 z^{13}$ $+43169084 z^{12}+16705584 z^{11}+5758137 z^{10}+1749440 z^9$ $+460404 z^8+103572 z^7+19887 z^6+3360 z^5+567 z^4+84 z^3$ $+1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8+x^7+x^5+x^4+x^3+1$	$z^{42}+987 z^{38}+39907 z^{36}+927108 z^{34}+11483241 z^{32}$ $+86405788 z^{30}+412976844 z^{28}+1300810014 z^{26}$ $+2763327476 z^{24}+4013963226 z^{22}+4013963226 z^{20}$ $+2763327476 z^{18}+1300810014 z^{16}+412976844 z^{14}$ $+86405788 z^{12}+11483241 z^{10}+927108 z^8+39907 z^6$ $+987 z^4+1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8+x^7+x^5+1$	$21 z^{40}+672 z^{38}+42322 z^{36}+916608 z^{34}+11511549 z^{32}$ $+86356480 z^{30}+413033784 z^{28}+1300758144 z^{26}$ $+2763397546 z^{24}+4013825088 z^{22}+4014177804 z^{20}$ $+2763103616 z^{18}+1300961634 z^{16}+412917504 z^{14}$ $+86410744 z^{12}+11491200 z^{10}+922593 z^8+40992 z^6$ $+882 z^4+1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 34]\}$	$x^8+x^7+x^5+x^2+1$	$z^{42}+21 z^{40}+56 z^{39}+546 z^{38}+3696 z^{37}+19138 z^{36}+102648 z^{35}$ $+464289 z^{34}+1746304 z^{33}+5749821 z^{32}+16732128 z^{31}$ $+43176056 z^{30}+99634752 z^{29}+206511672 z^{28}$ $+385460320 z^{27}+650437410 z^{26}+994971264 z^{25}$ $+1381576938 z^{24}+1744664208 z^{23}+2007031404 z^{22}$ $+2103303840 z^{21}+2007031404 z^{20}+1744664208 z^{19}$ $+1381576938 z^{18}+994971264 z^{17}+650437410 z^{16}$ $+385460320 z^{15}+206511672 z^{14}+99634752 z^{13}$ $+43176056 z^{12}+16732128 z^{11}+5749821 z^{10}+1746304 z^9$ $+464289 z^8+102648 z^7+19138 z^6+3696 z^5+546 z^4+56 z^3$ $+21 z^2+1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
		$63 z^{40}+2310 z^{38}+64456 z^{36}+1062810 z^{34}+11716677 z^{32}$	

$\{[42, 2, 34]\}$	$x^8 + x^7 + x + 1$	$+85341816 z^{30} + 411348240 z^{28} + 1303845480 z^{26}$ $+2767567670 z^{24} + 4008892692 z^{22} + 4009245408 z^{20}$ $+2767273740 z^{18} + 1304048970 z^{16} + 411231960 z^{14}$ $+85396080 z^{12} + 11696328 z^{10} + 1068795 z^8 + 63126 z^6$ $+2520 z^4 + 42 z^2 + 1$	$\left\{ \left[ 21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[45, 2, 37]\}$	$x^8 + x^4 + x^2 + x + 1$	$z^{45} + 45 z^{43} + 945 z^{41} + 4374 z^{40} + 34155 z^{39} + 171315 z^{38}$ $+843210 z^{37} + 3449385 z^{36} + 12425076 z^{35} + 39852405 z^{34}$ $+112325940 z^{33} + 284773185 z^{32} + 652087260 z^{31}$ $+1347038604 z^{30} + 2525808150 z^{29} + 4309903620 z^{28}$ $+6701982150 z^{27} + 9524150820 z^{26} + 12382942446 z^{25}$ $+14740211400 z^{24} + 16081472250 z^{23} + 16081472250 z^{22}$ $+14740211400 z^{21} + 12382942446 z^{20} + 9524150820 z^{19}$ $+6701982150 z^{18} + 4309903620 z^{17} + 2525808150 z^{16}$ $+1347038604 z^{15} + 652087260 z^{14} + 284773185 z^{13}$ $+112325940 z^{12} + 39852405 z^{11} + 12425076 z^{10}$ $+3449385 z^9 + 843210 z^8 + 171315 z^7 + 34155 z^6 + 4374 z^5$ $+945 z^4 + 45 z^2 + 1$	$\left\{ \left[ \frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 37]\}$	$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{45} + 90 z^{43} + 3645 z^{41} + 87600 z^{39} + 1386900 z^{37} + 1953125 z^{36}$ $+15183000 z^{35} + 35156250 z^{34} + 117400500 z^{33}$ $+284765625 z^{32} + 644130000 z^{31} + 1368750000 z^{30}$ $+2490828750 z^{29} + 4334062500 z^{28} + 6703937500 z^{27}$ $+9489375000 z^{26} + 12454143750 z^{25} + 14675062500 z^{24}$ $+16103250000 z^{23} + 16103250000 z^{22} + 14675062500 z^{21}$ $+12454143750 z^{20} + 9489375000 z^{19} + 6703937500 z^{18}$ $+4334062500 z^{17} + 2490828750 z^{16} + 1368750000 z^{15}$ $+644130000 z^{14} + 284765625 z^{13} + 117400500 z^{12}$ $+35156250 z^{11} + 15183000 z^{10} + 1953125 z^9 + 1386900 z^8$ $+87600 z^6 + 3645 z^4 + 90 z^2 + 1$	$\left\{ \left[ \frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
		$z^{45} + 45 z^{43} + 945 z^{41} + 4374 z^{40} + 34155 z^{39} + 171315 z^{38}$ $+843210 z^{37} + 3449385 z^{36} + 12425076 z^{35} + 39852405 z^{34}$ $+112325940 z^{33} + 284773185 z^{32} + 652087260 z^{31}$	

$\{[45, 2, 37]\}$	$x^8 + x^7 + x^6 + x^4 + 1$	$+1347038604 z^{30} + 2525808150 z^{29} + 4309903620 z^{28}$ $+6701982150 z^{27} + 9524150820 z^{26} + 12382942446 z^{25}$ $+14740211400 z^{24} + 16081472250 z^{23} + 16081472250 z^{22}$ $+14740211400 z^{21} + 12382942446 z^{20} + 9524150820 z^{19}$ $+6701982150 z^{18} + 4309903620 z^{17} + 2525808150 z^{16}$ $+1347038604 z^{15} + 652087260 z^{14} + 284773185 z^{13}$ $+112325940 z^{12} + 39852405 z^{11} + 12425076 z^{10}$ $+3449385 z^9 + 843210 z^8 + 171315 z^7 + 34155 z^6 + 4374 z^5$ $+945 z^4 + 45 z^2 + 1$	$\left\{ \left[ \frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 37]\}$	$x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$	$z^{45} + 45 z^{43} + 135 z^{42} + 945 z^{41} + 5724 z^{40} + 30510 z^{39} + 173790 z^{38}$ $+835920 z^{37} + 3436025 z^{36} + 12484611 z^{35} + 39814785 z^{34}$ $+112366980 z^{33} + 284848425 z^{32} + 651660120 z^{31}$ $+1347243384 z^{30} + 2526038910 z^{29} + 4309557300 z^{28}$ $+6703121410 z^{27} + 9523637190 z^{26} + 12381173406 z^{25}$ $+14741343660 z^{24} + 16081703460 z^{23} + 16081703460 z^{22}$ $+14741343660 z^{21} + 12381173406 z^{20} + 9523637190 z^{19}$ $+6703121410 z^{18} + 4309557300 z^{17} + 2526038910 z^{16}$ $+1347243384 z^{15} + 651660120 z^{14} + 284848425 z^{13}$ $+112366980 z^{12} + 39814785 z^{11} + 12484611 z^{10}$ $+3436025 z^9 + 835920 z^8 + 173790 z^7 + 30510 z^6 + 5724 z^5$ $+945 z^4 + 135 z^3 + 45 z^2 + 1$	$\left\{ \left[ \frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[48, 2, 40]\}$	$x^8 + 1$	$z^{48} + 120 z^{46} + 6420 z^{44} + 201608 z^{42} + 4117890 z^{40}$ $+57305640 z^{38} + 554034628 z^{36} + 3736975320 z^{34}$ $+17531078895 z^{32} + 57162699056 z^{30} + 130981756200 z^{28}$ $+213920725200 z^{26} + 251613825820 z^{24}$ $+213920725200 z^{22} + 130981756200 z^{20} + 57162699056 z^{18}$ $+17531078895 z^{16} + 3736975320 z^{14} + 554034628 z^{12}$ $+57305640 z^{10} + 4117890 z^8 + 201608 z^6 + 6420 z^4 + 120 z^2$ $+1$	$\{[24, 2\sqrt{3}]\}$
		$z^{48} + 72 z^{46} + 256 z^{45} + 2388 z^{44} + 14592 z^{43} + 72888 z^{42}$ $+376320 z^{41} + 1697538 z^{40} + 6848000 z^{39} + 25685784 z^{38}$	

$\{[48, 2, 40]\}$	$x^8 + x^4 + 1$	$+87729408 z^{37} + 269992196 z^{36} + 750095616 z^{35}$ $+1881971688 z^{34} + 4273022976 z^{33} + 8817515247 z^{32}$ $+16595134464 z^{31} + 28562648656 z^{30} + 45073543680 z^{29}$ $+65345712552 z^{28} + 87135740416 z^{27} + 106964380080 z^{26}$ $+120955401216 z^{25} + 126016455708 z^{24}$ $+120955401216 z^{23} + 106964380080 z^{22} + 87135740416 z^{21}$ $+65345712552 z^{20} + 45073543680 z^{19} + 28562648656 z^{18}$ $+16595134464 z^{17} + 8817515247 z^{16} + 4273022976 z^{15}$ $+1881971688 z^{14} + 750095616 z^{13} + 269992196 z^{12}$ $+87729408 z^{11} + 25685784 z^{10} + 6848000 z^9 + 1697538 z^8$ $+376320 z^7 + 72888 z^6 + 14592 z^5 + 2388 z^4 + 256 z^3 + 72 z^2$ $+1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 40]\}$	$x^8 + x^6 + x^2 + 1$	$z^{48} + 72 z^{46} + 3924 z^{44} + 128184 z^{42} + 3119874 z^{40} + 51250968 z^{38}$ $+542592772 z^{36} + 3765009384 z^{34} + 17625516783 z^{32}$ $+57119329872 z^{30} + 130716720552 z^{28} + 213937994160 z^{26}$ $+251988294684 z^{24} + 213937994160 z^{22}$ $+130716720552 z^{20} + 57119329872 z^{18} + 17625516783 z^{16}$ $+3765009384 z^{14} + 542592772 z^{12} + 51250968 z^{10}$ $+3119874 z^8 + 128184 z^6 + 3924 z^4 + 72 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 40]\}$	$x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{48} + 72 z^{46} + 3156 z^{44} + 121016 z^{42} + 3170562 z^{40} + 51235608 z^{38}$ $+542148612 z^{36} + 3765980136 z^{34} + 17625633519 z^{32}$ $+57116581456 z^{30} + 130719459240 z^{28} + 213939794352 z^{26}$ $+251983372316 z^{24} + 213939794352 z^{22}$ $+130719459240 z^{20} + 57116581456 z^{18} + 17625633519 z^{16}$ $+3765980136 z^{14} + 542148612 z^{12} + 51235608 z^{10}$ $+3170562 z^8 + 121016 z^6 + 3156 z^4 + 72 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 40]\}$	$x^8 + x^7 + x^5 + x^3 + x + 1$	$z^{48} + 24 z^{46} + 2292 z^{44} + 97640 z^{42} + 2928834 z^{40} + 51068808 z^{38}$ $+544628772 z^{36} + 3767559672 z^{34} + 17615630319 z^{32}$ $+57109932400 z^{30} + 130747331304 z^{28} + 213945054096 z^{26}$ $+251943159452 z^{24} + 213945054096 z^{22}$ $+130747331304 z^{20} + 57109932400 z^{18} + 17615630319 z^{16}$	$\{[24, 2\sqrt{3}]\}$

		$+3767559672 z^{14} + 544628772 z^{12} + 51068808 z^{10}$ $+2928834 z^8 + 97640 z^6 + 2292 z^4 + 24 z^2 + 1$	
$\{[50, 2, 42]\}$	$x^8 + x^6 + x^4 + x^2 + 1$	$z^{50} + 100 z^{48} + 4550 z^{46} + 6250 z^{45} + 124500 z^{44} + 375000 z^{43}$ $+ 2281125 z^{42} + 9787500 z^{41} + 39255625 z^{40}$ $+ 146175000 z^{39} + 471477500 z^{38} + 1386121250 z^{37}$ $+ 3671393750 z^{36} + 8790540000 z^{35} + 19245693750 z^{34}$ $+ 38467818000 z^{33} + 70475453125 z^{32} + 118778172000 z^{31}$ $+ 184103912500 z^{30} + 262990333300 z^{29}$ $+ 346767500000 z^{28} + 422040027600 z^{27}$ $+ 474734531250 z^{26} + 493804543752 z^{25}$ $+ 474734531250 z^{24} + 422040027600 z^{23}$ $+ 346767500000 z^{22} + 262990333300 z^{21}$ $+ 184103912500 z^{20} + 118778172000 z^{19} + 70475453125 z^{18}$ $+ 38467818000 z^{17} + 19245693750 z^{16} + 8790540000 z^{15}$ $+ 3671393750 z^{14} + 1386121250 z^{13} + 471477500 z^{12}$ $+ 146175000 z^{11} + 39255625 z^{10} + 9787500 z^9 + 2281125 z^8$ $+ 375000 z^7 + 124500 z^6 + 6250 z^5 + 4550 z^4 + 100 z^2 + 1$	$\left\{ \left[ 25, \frac{5\sqrt{2}}{2} \right] \right\}$
$\{[51, 2, 43]\}$	$x^8 + x^4 + x^3 + x + 1$	$z^{51} + 17 z^{48} + 1020 z^{47} + 10200 z^{46} + 69496 z^{45} + 444924 z^{44}$ $+ 2494818 z^{43} + 11915504 z^{42} + 49878000 z^{41}$ $+ 185947938 z^{40} + 620224396 z^{39} + 1860584856 z^{38}$ $+ 5049521016 z^{37} + 12455418764 z^{36} + 28025285247 z^{35}$ $+ 57700127808 z^{34} + 108989130304 z^{33} + 189293446863 z^{32}$ $+ 302868566136 z^{31} + 447099154352 z^{30}$ $+ 609682198512 z^{29} + 768718057080 z^{28}$ $+ 896836591132 z^{27} + 968597442720 z^{26}$ $+ 968597442720 z^{25} + 896836591132 z^{24}$ $+ 768718057080 z^{23} + 609682198512 z^{22}$ $+ 447099154352 z^{21} + 302868566136 z^{20}$ $+ 189293446863 z^{19} + 108989130304 z^{18} + 57700127808 z^{17}$ $+ 28025285247 z^{16} + 12455418764 z^{15} + 5049521016 z^{14}$ $+ 1860584856 z^{13} + 620224396 z^{12} + 185947938 z^{11}$	$\left\{ \left[ \frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$

		$+49878000 z^{10} + 11915504 z^9 + 2494818 z^8 + 444924 z^7$ $+ 69496 z^6 + 10200 z^5 + 1020 z^4 + 17 z^3 + 1$	
$\{[51, 2, 43]\}$	$x^8 + x^5 + x^4 + x^3 + 1$	$z^{51} + 51 z^{49} + 1224 z^{47} + 8262 z^{46} + 67932 z^{45} + 459918 z^{44}$ $+ 2485485 z^{43} + 11894067 z^{42} + 49956183 z^{41}$ $+ 185794785 z^{40} + 620058510 z^{39} + 1861360260 z^{38}$ $+ 5049426870 z^{37} + 12454047952 z^{36} + 28026349362 z^{35}$ $+ 57700125207 z^{34} + 108987143990 z^{33} + 189298245453 z^{32}$ $+ 302869884792 z^{31} + 447088768916 z^{30}$ $+ 609682444944 z^{29} + 768729392340 z^{28}$ $+ 896837584306 z^{27} + 968591010294 z^{26}$ $+ 968591010294 z^{25} + 896837584306 z^{24}$ $+ 768729392340 z^{23} + 609682444944 z^{22}$ $+ 447088768916 z^{21} + 302869884792 z^{20}$ $+ 189298245453 z^{19} + 108987143990 z^{18} + 57700125207 z^{17}$ $+ 28026349362 z^{16} + 12454047952 z^{15} + 5049426870 z^{14}$ $+ 1861360260 z^{13} + 620058510 z^{12} + 185794785 z^{11}$ $+ 49956183 z^{10} + 11894067 z^9 + 2485485 z^8 + 459918 z^7$ $+ 67932 z^6 + 8262 z^5 + 1224 z^4 + 51 z^2 + 1$	$\left\{ \left[ \frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 43]\}$	$x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{51} + 17 z^{48} + 1020 z^{47} + 10200 z^{46} + 69496 z^{45} + 444924 z^{44}$ $+ 2494818 z^{43} + 11915504 z^{42} + 49878000 z^{41}$ $+ 185947938 z^{40} + 620224396 z^{39} + 1860584856 z^{38}$ $+ 5049521016 z^{37} + 12455418764 z^{36} + 28025285247 z^{35}$ $+ 57700127808 z^{34} + 108989130304 z^{33} + 189293446863 z^{32}$ $+ 302868566136 z^{31} + 447099154352 z^{30}$ $+ 609682198512 z^{29} + 768718057080 z^{28}$ $+ 896836591132 z^{27} + 968597442720 z^{26}$ $+ 968597442720 z^{25} + 896836591132 z^{24}$ $+ 768718057080 z^{23} + 609682198512 z^{22}$ $+ 447099154352 z^{21} + 302868566136 z^{20}$ $+ 189293446863 z^{19} + 108989130304 z^{18} + 57700127808 z^{17}$ $+ 28025285247 z^{16} + 12455418764 z^{15} + 5049521016 z^{14}$	$\left\{ \left[ \frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$

		$+1860584856 z^{13} + 620224396 z^{12} + 185947938 z^{11}$ $+49878000 z^{10} + 11915504 z^9 + 2494818 z^8 + 444924 z^7$ $+69496 z^6 + 10200 z^5 + 1020 z^4 + 17 z^3 + 1$	
$\{[51, 2, 43]\}$	$x^8 + x^7 + x^6 + x^4 + x^2 + x + 1$	$z^{51} + 51 z^{49} + 1224 z^{47} + 8262 z^{46} + 67932 z^{45} + 459918 z^{44}$ $+2485485 z^{43} + 11894067 z^{42} + 49956183 z^{41}$ $+185794785 z^{40} + 620058510 z^{39} + 1861360260 z^{38}$ $+5049426870 z^{37} + 12454047952 z^{36} + 28026349362 z^{35}$ $+57700125207 z^{34} + 108987143990 z^{33} + 189298245453 z^{32}$ $+302869884792 z^{31} + 447088768916 z^{30}$ $+609682444944 z^{29} + 768729392340 z^{28}$ $+896837584306 z^{27} + 968591010294 z^{26}$ $+968591010294 z^{25} + 896837584306 z^{24}$ $+768729392340 z^{23} + 609682444944 z^{22}$ $+447088768916 z^{21} + 302869884792 z^{20}$ $+189298245453 z^{19} + 108987143990 z^{18} + 57700125207 z^{17}$ $+28026349362 z^{16} + 12454047952 z^{15} + 5049426870 z^{14}$ $+1861360260 z^{13} + 620058510 z^{12} + 185794785 z^{11}$ $+49956183 z^{10} + 11894067 z^9 + 2485485 z^8 + 459918 z^7$ $+67932 z^6 + 8262 z^5 + 1224 z^4 + 51 z^2 + 1$	$\left\{ \left[ \frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 43]\}$	$x^8 + x^7 + x^5 + x^4 + 1$	$z^{51} + 17 z^{48} + 1020 z^{47} + 10200 z^{46} + 69496 z^{45} + 444924 z^{44}$ $+2494818 z^{43} + 11915504 z^{42} + 49878000 z^{41}$ $+185947938 z^{40} + 620224396 z^{39} + 1860584856 z^{38}$ $+5049521016 z^{37} + 12455418764 z^{36} + 28025285247 z^{35}$ $+57700127808 z^{34} + 108989130304 z^{33} + 189293446863 z^{32}$ $+302868566136 z^{31} + 447099154352 z^{30}$ $+609682198512 z^{29} + 768718057080 z^{28}$ $+896836591132 z^{27} + 968597442720 z^{26}$ $+968597442720 z^{25} + 896836591132 z^{24}$ $+768718057080 z^{23} + 609682198512 z^{22}$ $+447099154352 z^{21} + 302868566136 z^{20}$ $+189293446863 z^{19} + 108989130304 z^{18} + 57700127808 z^{17}$	$\left\{ \left[ \frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$



		$+28025285247 z^{16} + 12455418764 z^{15} + 5049521016 z^{14}$ $+1860584856 z^{13} + 620224396 z^{12} + 185947938 z^{11}$ $+49878000 z^{10} + 11915504 z^9 + 2494818 z^8 + 444924 z^7$ $+69496 z^6 + 10200 z^5 + 1020 z^4 + 17 z^3 + 1$	
$\{[51, 2, 43]\}$	$x^8 + x^7 + x^4 + x^3 + x^2 + x + 1$	$z^{51} + 17 z^{48} + 1020 z^{47} + 10200 z^{46} + 69496 z^{45} + 444924 z^{44}$ $+2494818 z^{43} + 11915504 z^{42} + 49878000 z^{41}$ $+185947938 z^{40} + 620224396 z^{39} + 1860584856 z^{38}$ $+5049521016 z^{37} + 12455418764 z^{36} + 28025285247 z^{35}$ $+57700127808 z^{34} + 108989130304 z^{33} + 189293446863 z^{32}$ $+302868566136 z^{31} + 447099154352 z^{30}$ $+609682198512 z^{29} + 768718057080 z^{28}$ $+896836591132 z^{27} + 968597442720 z^{26}$ $+968597442720 z^{25} + 896836591132 z^{24}$ $+768718057080 z^{23} + 609682198512 z^{22}$ $+447099154352 z^{21} + 302868566136 z^{20}$ $+189293446863 z^{19} + 108989130304 z^{18} + 57700127808 z^{17}$ $+28025285247 z^{16} + 12455418764 z^{15} + 5049521016 z^{14}$ $+1860584856 z^{13} + 620224396 z^{12} + 185947938 z^{11}$ $+49878000 z^{10} + 11915504 z^9 + 2494818 z^8 + 444924 z^7$ $+69496 z^6 + 10200 z^5 + 1020 z^4 + 17 z^3 + 1$	$\left\{ \left[ \frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[54, 2, 46]\}$	$x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$81 z^{52} + 3942 z^{50} + 221301 z^{48} + 8159400 z^{46} + 186550614 z^{44}$ $+2678914620 z^{42} + 25361300070 z^{40} + 164797719912 z^{38}$ $+757217173059 z^{36} + 2510878760010 z^{34}$ $+6097764996567 z^{32} + 10958182613712 z^{30}$ $+14667300875844 z^{28} + 14667280817544 z^{26}$ $+10958199997572 z^{24} + 6097751958672 z^{22}$ $+2510887196295 z^{20} + 757212486234 z^{18}$ $+164799939987 z^{16} + 25360412040 z^{14} + 2679210630 z^{12}$ $+186469884 z^{10} + 8176950 z^8 + 218376 z^6 + 4293 z^4 + 54 z^2$ $+1$	$\left\{ \left[ 27, \frac{3\sqrt{6}}{2} \right] \right\}$
		$z^{54} + 135 z^{52} + 8235 z^{50} + 299709 z^{48} + 7238430 z^{46}$	

$\{[54, 2, 46]\}$	$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$+10077696 z^{45} + 122104530 z^{44} + 302330880 z^{43}$ $+1475589186 z^{42} + 4121777664 z^{41} + 12911197230 z^{40}$ $+33771479040 z^{39} + 81953533755 z^{38} + 185344505856 z^{37}$ $+376737546909 z^{36} + 719129456640 z^{35}$ $+1255125400785 z^{34} + 2030535972864 z^{33}$ $+3053618632935 z^{32} + 4236291809280 z^{31}$ $+5482313745876 z^{30} + 6576047133696 z^{29}$ $+7327920746700 z^{28} + 7613263001600 z^{27}$ $+7327920746700 z^{26} + 6576047133696 z^{25}$ $+5482313745876 z^{24} + 4236291809280 z^{23}$ $+3053618632935 z^{22} + 2030535972864 z^{21}$ $+1255125400785 z^{20} + 719129456640 z^{19}$ $+376737546909 z^{18} + 185344505856 z^{17} + 81953533755 z^{16}$ $+33771479040 z^{15} + 12911197230 z^{14} + 4121777664 z^{13}$ $+1475589186 z^{12} + 302330880 z^{11} + 122104530 z^{10}$ $+10077696 z^9 + 7238430 z^8 + 299709 z^6 + 8235 z^4 + 135 z^2$ $+1$	$\left\{ \left[ 27, \frac{3\sqrt{6}}{2} \right] \right\}$
$\{[56, 2, 48]\}$	$x^8 + 1$	$5764801 z^{48} + 230592040 z^{46} + 4173715924 z^{44}$ $+45202628184 z^{42} + 326529858242 z^{40}$ $+1661323411384 z^{38} + 6135088992004 z^{36}$ $+16729643563976 z^{34} + 34026274247791 z^{32}$ $+51941813261072 z^{30} + 59755065001128 z^{28}$ $+51909251782640 z^{26} + 34021356570012 z^{24}$ $+16747828872432 z^{22} + 6140246656936 z^{20}$ $+1656359046160 z^{18} + 324183132847 z^{16}$ $+45501927240 z^{14} + 4556542340 z^{12} + 324321592 z^{10}$ $+16249282 z^8 + 559832 z^6 + 12628 z^4 + 168 z^2 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 84 z^{54} + 6874 z^{52} + 309092 z^{50} + 11271547 z^{48}$ $+277239480 z^{46} + 4358684260 z^{44} + 45361231480 z^{42}$ $+325405615241 z^{40} + 1658714878268 z^{38}$ $+6137618546374 z^{36} + 16739210607756 z^{34}$	

$\{[56, 2, 48]\}$	$x^8 + x^4 + x^2 + 1$	$+34023388007931 z^{32} + 51925112802640 z^{30}$ $+59756058308600 z^{28} + 51925112802640 z^{26}$ $+34023388007931 z^{24} + 16739210607756 z^{22}$ $+6137618546374 z^{20} + 1658714878268 z^{18}$ $+325405615241 z^{16} + 45361231480 z^{14} + 4358684260 z^{12}$ $+277239480 z^{10} + 11271547 z^8 + 309092 z^6 + 6874 z^4 + 84 z^2$ $+1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 48]\}$	$x^8 + x^6 + x^4 + 1$	$z^{56} + 84 z^{54} + 6874 z^{52} + 309092 z^{50} + 11271547 z^{48}$ $+277239480 z^{46} + 4358684260 z^{44} + 45361231480 z^{42}$ $+325405615241 z^{40} + 1658714878268 z^{38}$ $+6137618546374 z^{36} + 16739210607756 z^{34}$ $+34023388007931 z^{32} + 51925112802640 z^{30}$ $+59756058308600 z^{28} + 51925112802640 z^{26}$ $+34023388007931 z^{24} + 16739210607756 z^{22}$ $+6137618546374 z^{20} + 1658714878268 z^{18}$ $+325405615241 z^{16} + 45361231480 z^{14} + 4358684260 z^{12}$ $+277239480 z^{10} + 11271547 z^8 + 309092 z^6 + 6874 z^4 + 84 z^2$ $+1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 48]\}$	$x^8 + x^6 + x^5 + x^2 + x + 1$	$z^{56} + 3626 z^{52} + 255360 z^{50} + 11096379 z^{48} + 278024320 z^{46}$ $+4362955268 z^{44} + 45349286528 z^{42} + 325380235593 z^{40}$ $+1658813213568 z^{38} + 6137621103222 z^{36}$ $+16738887956224 z^{34} + 34023718518139 z^{32}$ $+51925381887232 z^{30} + 59755367639736 z^{28}$ $+51925381887232 z^{26} + 34023718518139 z^{24}$ $+16738887956224 z^{22} + 6137621103222 z^{20}$ $+1658813213568 z^{18} + 325380235593 z^{16}$ $+45349286528 z^{14} + 4362955268 z^{12} + 278024320 z^{10}$ $+11096379 z^8 + 255360 z^6 + 3626 z^4 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 3626 z^{52} + 255360 z^{50} + 11096379 z^{48} + 278024320 z^{46}$ $+4362955268 z^{44} + 45349286528 z^{42} + 325380235593 z^{40}$ $+1658813213568 z^{38} + 6137621103222 z^{36}$	

$\{[56, 2, 48]\}$	$x^8 + x^7 + x^6 + x^3 + x^2 + 1$	$+16738887956224 z^{34} + 34023718518139 z^{32}$ $+51925381887232 z^{30} + 59755367639736 z^{28}$ $+51925381887232 z^{26} + 34023718518139 z^{24}$ $+16738887956224 z^{22} + 6137621103222 z^{20}$ $+1658813213568 z^{18} + 325380235593 z^{16}$ $+45349286528 z^{14} + 4362955268 z^{12} + 278024320 z^{10}$ $+11096379 z^8 + 255360 z^6 + 3626 z^4 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 48]\}$	$x^8 + x^7 + x + 1$	$z^{56} + 84 z^{54} + 8666 z^{52} + 423780 z^{50} + 13715835 z^{48}$ $+296621752 z^{46} + 4403874916 z^{44} + 45248034424 z^{42}$ $+324914299017 z^{40} + 1658956755260 z^{38}$ $+6139598948294 z^{36} + 16738968616076 z^{34}$ $+34019104024059 z^{32} + 51925206617424 z^{30}$ $+59761552831480 z^{28} + 51925206617424 z^{26}$ $+34019104024059 z^{24} + 16738968616076 z^{22}$ $+6139598948294 z^{20} + 1658956755260 z^{18}$ $+324914299017 z^{16} + 45248034424 z^{14} + 4403874916 z^{12}$ $+296621752 z^{10} + 13715835 z^8 + 423780 z^6 + 8666 z^4 + 84 z^2$ $+1$	$\{[28, \sqrt{14}]\}$
$\{[60, 2, 52]\}$	$x^8 + x^2 + 1$	$z^{60} + 30 z^{58} + 560 z^{57} + 3795 z^{56} + 25872 z^{55} + 205660 z^{54}$ $+1517520 z^{53} + 9916845 z^{52} + 57448560 z^{51}$ $+294271146 z^{50} + 1339397280 z^{49} + 5468194095 z^{48}$ $+20184941280 z^{47} + 67756735320 z^{46} + 207780411360 z^{45}$ $+584388251325 z^{44} + 1512582429600 z^{43}$ $+3613452847950 z^{42} + 7987580739600 z^{41}$ $+16374354423735 z^{40} + 31189161228720 z^{39}$ $+55290056929380 z^{38} + 91349039499120 z^{37}$ $+140829856490505 z^{36} + 202794894184272 z^{35}$ $+272992806034410 z^{34} + 343768318846400 z^{33}$ $+405155607705555 z^{32} + 447068966172480 z^{31}$ $+461971709665744 z^{30} + 447068966172480 z^{29}$ $+405155607705555 z^{28} + 343768318846400 z^{27}$	$\{[30, \sqrt{15}]\}$

		$+272992806034410 z^{26} + 202794894184272 z^{25}$ $+140829856490505 z^{24} + 91349039499120 z^{23}$ $+55290056929380 z^{22} + 31189161228720 z^{21}$ $+16374354423735 z^{20} + 7987580739600 z^{19}$ $+3613452847950 z^{18} + 1512582429600 z^{17}$ $+584388251325 z^{16} + 207780411360 z^{15} + 67756735320 z^{14}$ $+20184941280 z^{13} + 5468194095 z^{12} + 1339397280 z^{11}$ $+294271146 z^{10} + 57448560 z^9 + 9916845 z^8 + 1517520 z^7$ $+205660 z^6 + 25872 z^5 + 3795 z^4 + 560 z^3 + 30 z^2 + 1$	
$\{[60, 2, 52]\}$	$x^8 + x^4 + 1$	$z^{60} + 120 z^{58} + 500 z^{57} + 6660 z^{56} + 48000 z^{55} + 320350 z^{54}$ $+2098800 z^{53} + 12031650 z^{52} + 63119700 z^{51}$ $+305940000 z^{50} + 1354682760 z^{49} + 5470843125 z^{48}$ $+20141897520 z^{47} + 67622437500 z^{46} + 207546843504 z^{45}$ $+584204821875 z^{44} + 1512750218760 z^{43}$ $+3614219490000 z^{42} + 7988932145580 z^{41}$ $+16375561646250 z^{40} + 31188566708400 z^{39}$ $+55286676557250 z^{38} + 91344491637600 z^{37}$ $+140827544514000 z^{36} + 202797686479500 z^{35}$ $+273000682966680 z^{34} + 343776429302000 z^{33}$ $+405157142780535 z^{32} + 447061941660000 z^{31}$ $+461960924973256 z^{30} + 447061941660000 z^{29}$ $+405157142780535 z^{28} + 343776429302000 z^{27}$ $+273000682966680 z^{26} + 202797686479500 z^{25}$ $+140827544514000 z^{24} + 91344491637600 z^{23}$ $+55286676557250 z^{22} + 31188566708400 z^{21}$ $+16375561646250 z^{20} + 7988932145580 z^{19}$ $+3614219490000 z^{18} + 1512750218760 z^{17}$ $+584204821875 z^{16} + 207546843504 z^{15} + 67622437500 z^{14}$ $+20141897520 z^{13} + 5470843125 z^{12} + 1354682760 z^{11}$ $+305940000 z^{10} + 63119700 z^9 + 12031650 z^8 + 2098800 z^7$ $+320350 z^6 + 48000 z^5 + 6660 z^4 + 500 z^3 + 120 z^2 + 1$	$\{[30, \sqrt{15}]\}$

$\{[60, 2, 52]\}$	$x^8 + x^4 + x^2 + x + 1$	$ \begin{aligned} & z^{60} + 90 z^{58} + 3795 z^{56} + 18432 z^{55} + 222420 z^{54} + 1443840 z^{53} \\ & + 10174125 z^{52} + 57139200 z^{51} + 294579966 z^{50} \\ & + 1340497920 z^{49} + 5462888495 z^{48} + 20190842880 z^{47} \\ & + 67753958280 z^{46} + 207768309760 z^{45} + 584439158205 z^{44} \\ & + 1512551669760 z^{43} + 3613408621290 z^{42} \\ & + 7987616440320 z^{41} + 16374233383095 z^{40} \\ & + 31189395568640 z^{39} + 55290171873900 z^{38} \\ & + 91348574976000 z^{37} + 140830215026185 z^{36} \\ & + 202794741645312 z^{35} + 272992277085630 z^{34} \\ & + 343769430016000 z^{33} + 405155324351955 z^{32} \\ & + 447068238274560 z^{31} + 461972631030384 z^{30} \\ & + 447068238274560 z^{29} + 405155324351955 z^{28} \\ & + 343769430016000 z^{27} + 272992277085630 z^{26} \\ & + 202794741645312 z^{25} + 140830215026185 z^{24} \\ & + 91348574976000 z^{23} + 55290171873900 z^{22} \\ & + 31189395568640 z^{21} + 16374233383095 z^{20} \\ & + 7987616440320 z^{19} + 3613408621290 z^{18} \\ & + 1512551669760 z^{17} + 584439158205 z^{16} \\ & + 207768309760 z^{15} + 67753958280 z^{14} + 20190842880 z^{13} \\ & + 5462888495 z^{12} + 1340497920 z^{11} + 294579966 z^{10} \\ & + 57139200 z^9 + 10174125 z^8 + 1443840 z^7 + 222420 z^6 \\ & + 18432 z^5 + 3795 z^4 + 90 z^2 + 1 \end{aligned} $	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 52]\}$	$x^8 + x^5 + x + 1$	$ \begin{aligned} & 3165 z^{56} + 383880 z^{54} + 20001870 z^{52} + 589236960 z^{50} \\ & + 10932014275 z^{48} + 135512504400 z^{46} \\ & + 1168824805020 z^{44} + 7226790364640 z^{42} \\ & + 32748747572541 z^{40} + 110580379997880 z^{38} \\ & + 281659296437090 z^{36} + 545985485922240 z^{34} \\ & + 810312303110955 z^{32} + 923942004737888 z^{30} \\ & + 810311918673480 z^{28} + 545985804853440 z^{26} \\ & + 281659302849535 z^{24} + 110580218169720 z^{22} \\ & + 32748839455794 z^{20} + 7226788344160 z^{18} \end{aligned} $	$\{[30, \sqrt{15}]\}$

		$+1168809609105 z^{16} + 135515864400 z^{14}$ $+10933367900 z^{12} + 588692832 z^{10} + 19997415 z^8$ $+395080 z^6 + 4830 z^4 + 1$	
$\{[60, 2, 52]\}$	$x^8 + x^5 + x^3 + 1$	$z^{60} + 30 z^{58} + 5955 z^{56} + 439420 z^{54} + 20418525 z^{52}$ $+ 589211946 z^{50} + 10924972495 z^{48} + 135506246040 z^{46}$ $+ 1168894897245 z^{44} + 7226790771150 z^{42}$ $+ 32748421895943 z^{40} + 110580565441860 z^{38}$ $+ 281660153436185 z^{36} + 545984434584810 z^{34}$ $+ 810311491216275 z^{32} + 923944040294736 z^{30}$ $+ 810311491216275 z^{28} + 545984434584810 z^{26}$ $+ 281660153436185 z^{24} + 110580565441860 z^{22}$ $+ 32748421895943 z^{20} + 7226790771150 z^{18}$ $+ 1168894897245 z^{16} + 135506246040 z^{14}$ $+ 10924972495 z^{12} + 589211946 z^{10} + 20418525 z^8$ $+ 439420 z^6 + 5955 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 52]\}$	$x^8 + x^6 + x^4 + x^2 + 1$	$z^{60} + 150 z^{58} + 10275 z^{56} + 15552 z^{55} + 425260 z^{54} + 1425600 z^{53}$ $+ 11857725 z^{52} + 57404160 z^{51} + 295651026 z^{50}$ $+ 1339810560 z^{49} + 5431572495 z^{48} + 20189685120 z^{47}$ $+ 67721591160 z^{46} + 207777289600 z^{45} + 584755847325 z^{44}$ $+ 1512537143040 z^{43} + 3613411382790 z^{42}$ $+ 7987609132800 z^{41} + 16372698539175 z^{40}$ $+ 31189449853760 z^{39} + 55291388387220 z^{38}$ $+ 91348518592320 z^{37} + 140833458851385 z^{36}$ $+ 202794705188352 z^{35} + 272987366654610 z^{34}$ $+ 343769557542400 z^{33} + 405153328307475 z^{32}$ $+ 447068163759360 z^{31} + 461980075529104 z^{30}$ $+ 447068163759360 z^{29} + 405153328307475 z^{28}$ $+ 343769557542400 z^{27} + 272987366654610 z^{26}$ $+ 202794705188352 z^{25} + 140833458851385 z^{24}$ $+ 91348518592320 z^{23} + 55291388387220 z^{22}$ $+ 31189449853760 z^{21} + 16372698539175 z^{20}$	$\{[30, \sqrt{15}]\}$

		$+7987609132800 z^{19} + 3613411382790 z^{18}$ $+1512537143040 z^{17} + 584755847325 z^{16}$ $+207777289600 z^{15} + 67721591160 z^{14} + 20189685120 z^{13}$ $+5431572495 z^{12} + 1339810560 z^{11} + 295651026 z^{10}$ $+57404160 z^9 + 11857725 z^8 + 1425600 z^7 + 425260 z^6$ $+15552 z^5 + 10275 z^4 + 150 z^2 + 1$	
$\{[60, 2, 52]\}$	$x^8 + x^6 + x^2 + 1$	$5625 z^{56} + 495000 z^{54} + 22058250 z^{52} + 601167000 z^{50}$ $+10936338475 z^{48} + 135368024400 z^{46}$ $+1168647236580 z^{44} + 7227636127760 z^{42}$ $+32749704141009 z^{40} + 110577276282120 z^{38}$ $+281657069488310 z^{36} + 545992844656200 z^{34}$ $+810314182443675 z^{32} + 923931613580000 z^{30}$ $+810312661966200 z^{28} + 545994096520800 z^{26}$ $+281657112934915 z^{24} + 110576623063080 z^{22}$ $+32750068194006 z^{20} + 7227634876840 z^{18}$ $+1168580748345 z^{16} + 135384699600 z^{14}$ $+10940396900 z^{12} + 599418000 z^{10} + 21940275 z^8$ $+556600 z^6 + 10410 z^4 + 120 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 52]\}$	$x^8 + x^6 + 1$	$z^{60} + 30 z^{58} + 560 z^{57} + 3795 z^{56} + 25872 z^{55} + 205660 z^{54}$ $+1517520 z^{53} + 9916845 z^{52} + 57448560 z^{51}$ $+294271146 z^{50} + 1339397280 z^{49} + 5468194095 z^{48}$ $+20184941280 z^{47} + 67756735320 z^{46} + 207780411360 z^{45}$ $+584388251325 z^{44} + 1512582429600 z^{43}$ $+3613452847950 z^{42} + 7987580739600 z^{41}$ $+16374354423735 z^{40} + 31189161228720 z^{39}$ $+55290056929380 z^{38} + 91349039499120 z^{37}$ $+140829856490505 z^{36} + 202794894184272 z^{35}$ $+272992806034410 z^{34} + 343768318846400 z^{33}$ $+405155607705555 z^{32} + 447068966172480 z^{31}$ $+461971709665744 z^{30} + 447068966172480 z^{29}$ $+405155607705555 z^{28} + 343768318846400 z^{27}$	$\{[30, \sqrt{15}]\}$



		$+272992806034410 z^{26} + 202794894184272 z^{25}$ $+140829856490505 z^{24} + 91349039499120 z^{23}$ $+55290056929380 z^{22} + 31189161228720 z^{21}$ $+16374354423735 z^{20} + 7987580739600 z^{19}$ $+3613452847950 z^{18} + 1512582429600 z^{17}$ $+584388251325 z^{16} + 207780411360 z^{15} + 67756735320 z^{14}$ $+20184941280 z^{13} + 5468194095 z^{12} + 1339397280 z^{11}$ $+294271146 z^{10} + 57448560 z^9 + 9916845 z^8 + 1517520 z^7$ $+205660 z^6 + 25872 z^5 + 3795 z^4 + 560 z^3 + 30 z^2 + 1$	
$\{[60, 2, 52]\}$	$x^8 + x^6 + x^5 + x^4 + x + 1$	$z^{60} + 30 z^{58} + 4035 z^{56} + 386940 z^{54} + 20009565 z^{52}$ $+588981546 z^{50} + 10932507855 z^{48} + 135514333080 z^{46}$ $+1168819683165 z^{44} + 7226776716750 z^{42}$ $+32748825213063 z^{40} + 110580253399620 z^{38}$ $+281659325590425 z^{36} + 545985687500010 z^{34}$ $+810311983834515 z^{32} + 923942171049296 z^{30}$ $+810311983834515 z^{28} + 545985687500010 z^{26}$ $+281659325590425 z^{24} + 110580253399620 z^{22}$ $+32748825213063 z^{20} + 7226776716750 z^{18}$ $+1168819683165 z^{16} + 135514333080 z^{14}$ $+10932507855 z^{12} + 588981546 z^{10} + 20009565 z^8$ $+386940 z^6 + 4035 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 30 z^{58} + 80 z^{57} + 1875 z^{56} + 21360 z^{55} + 194140 z^{54}$ $+1514160 z^{53} + 9999405 z^{52} + 57703440 z^{51}$ $+294532266 z^{50} + 1338806880 z^{49} + 5466062895 z^{48}$ $+20183001120 z^{47} + 67757695320 z^{46} + 207788395296 z^{45}$ $+584408883645 z^{44} + 1512588682080 z^{43}$ $+3613390133070 z^{42} + 7987501154160 z^{41}$ $+16374406304055 z^{40} + 31189324965840 z^{39}$ $+55290150514020 z^{38} + 91348960922640 z^{37}$ $+140829597169545 z^{36} + 202794656524848 z^{35}$ $+272992974656490 z^{34} + 343768787854400 z^{33}$	

$\{[60, 2, 52]\}$	$x^8 + x^6 + x^5 + x^3 + x^2 + x + 1$	$+405155796564435 z^{32} + 447068717296320 z^{31}$ $+461971308262864 z^{30} + 447068717296320 z^{29}$ $+405155796564435 z^{28} + 343768787854400 z^{27}$ $+272992974656490 z^{26} + 202794656524848 z^{25}$ $+140829597169545 z^{24} + 91348960922640 z^{23}$ $+55290150514020 z^{22} + 31189324965840 z^{21}$ $+16374406304055 z^{20} + 7987501154160 z^{19}$ $+3613390133070 z^{18} + 1512588682080 z^{17}$ $+584408883645 z^{16} + 207788395296 z^{15} + 67757695320 z^{14}$ $+20183001120 z^{13} + 5466062895 z^{12} + 1338806880 z^{11}$ $+294532266 z^{10} + 57703440 z^9 + 9999405 z^8 + 1514160 z^7$ $+194140 z^6 + 21360 z^5 + 1875 z^4 + 80 z^3 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 52]\}$	$x^8 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$5265 z^{56} + 434700 z^{54} + 20417130 z^{52} + 589434540 z^{50}$ $+10924793435 z^{48} + 135502372680 z^{46}$ $+1168908299460 z^{44} + 7226782261800 z^{42}$ $+32748383843001 z^{40} + 110580649202340 z^{38}$ $+281660135370870 z^{36} + 545984284112100 z^{34}$ $+810311709174075 z^{32} + 923943967705008 z^{30}$ $+810311395899960 z^{28} + 545984514030960 z^{26}$ $+281660193880555 z^{24} + 110580485180820 z^{22}$ $+32748451228854 z^{20} + 7226804659380 z^{18}$ $+1168879526505 z^{16} + 135510608520 z^{14}$ $+10925045700 z^{12} + 589019112 z^{10} + 20411595 z^8$ $+445500 z^6 + 6570 z^4 + 60 z^2 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 30 z^{58} + 80 z^{57} + 1875 z^{56} + 21360 z^{55} + 194140 z^{54}$ $+1514160 z^{53} + 9999405 z^{52} + 57703440 z^{51}$ $+294532266 z^{50} + 1338806880 z^{49} + 5466062895 z^{48}$ $+20183001120 z^{47} + 67757695320 z^{46} + 207788395296 z^{45}$ $+584408883645 z^{44} + 1512588682080 z^{43}$ $+3613390133070 z^{42} + 7987501154160 z^{41}$ $+16374406304055 z^{40} + 31189324965840 z^{39}$	

$\{[60, 2, 52]\}$	$x^8+x^7+x^6+x^5+x^3+x^2+1$	$+55290150514020 z^{38}+91348960922640 z^{37}$ $+140829597169545 z^{36}+202794656524848 z^{35}$ $+272992974656490 z^{34}+343768787854400 z^{33}$ $+405155796564435 z^{32}+447068717296320 z^{31}$ $+461971308262864 z^{30}+447068717296320 z^{29}$ $+405155796564435 z^{28}+343768787854400 z^{27}$ $+272992974656490 z^{26}+202794656524848 z^{25}$ $+140829597169545 z^{24}+91348960922640 z^{23}$ $+55290150514020 z^{22}+31189324965840 z^{21}$ $+16374406304055 z^{20}+7987501154160 z^{19}$ $+3613390133070 z^{18}+1512588682080 z^{17}$ $+584408883645 z^{16}+207788395296 z^{15}+67757695320 z^{14}$ $+20183001120 z^{13}+5466062895 z^{12}+1338806880 z^{11}$ $+294532266 z^{10}+57703440 z^9+9999405 z^8+1514160 z^7$ $+194140 z^6+21360 z^5+1875 z^4+80 z^3+30 z^2+1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 52]\}$	$x^8+x^7+x^6+x^4+1$	$z^{60}+90 z^{58}+3795 z^{56}+18432 z^{55}+222420 z^{54}+1443840 z^{53}$ $+10174125 z^{52}+57139200 z^{51}+294579966 z^{50}$ $+1340497920 z^{49}+5462888495 z^{48}+20190842880 z^{47}$ $+67753958280 z^{46}+207768309760 z^{45}+584439158205 z^{44}$ $+1512551669760 z^{43}+3613408621290 z^{42}$ $+7987616440320 z^{41}+16374233383095 z^{40}$ $+31189395568640 z^{39}+55290171873900 z^{38}$ $+91348574976000 z^{37}+140830215026185 z^{36}$ $+202794741645312 z^{35}+272992277085630 z^{34}$ $+343769430016000 z^{33}+405155324351955 z^{32}$ $+447068238274560 z^{31}+461972631030384 z^{30}$ $+447068238274560 z^{29}+405155324351955 z^{28}$ $+343769430016000 z^{27}+272992277085630 z^{26}$ $+202794741645312 z^{25}+140830215026185 z^{24}$ $+91348574976000 z^{23}+55290171873900 z^{22}$ $+31189395568640 z^{21}+16374233383095 z^{20}$	$\{[30, \sqrt{15}]\}$

		$+7987616440320 z^{19} + 3613408621290 z^{18}$ $+1512551669760 z^{17} + 584439158205 z^{16}$ $+207768309760 z^{15} + 67753958280 z^{14} + 20190842880 z^{13}$ $+5462888495 z^{12} + 1340497920 z^{11} + 294579966 z^{10}$ $+57139200 z^9 + 10174125 z^8 + 1443840 z^7 + 222420 z^6$ $+18432 z^5 + 3795 z^4 + 90 z^2 + 1$	
$\{[60, 2, 52]\}$	$x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{60} + 120 z^{58} + 8535 z^{56} + 516600 z^{54} + 22025025 z^{52}$ $+ 600429000 z^{50} + 10937221575 z^{48} + 135379474800 z^{46}$ $+ 1168612894485 z^{44} + 7227617320920 z^{42}$ $+ 32749949592003 z^{40} + 110576841212040 z^{38}$ $+ 281657178636645 z^{36} + 545993511857640 z^{34}$ $+ 810313206464355 z^{32} + 923931912063008 z^{30}$ $+ 810313206464355 z^{28} + 545993511857640 z^{26}$ $+ 281657178636645 z^{24} + 110576841212040 z^{22}$ $+ 32749949592003 z^{20} + 7227617320920 z^{18}$ $+ 1168612894485 z^{16} + 135379474800 z^{14}$ $+ 10937221575 z^{12} + 600429000 z^{10} + 22025025 z^8$ $+ 516600 z^6 + 8535 z^4 + 120 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 52]\}$	$x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$	$z^{60} + 90 z^{58} + 320 z^{57} + 3795 z^{56} + 27072 z^{55} + 201940 z^{54}$ $+ 1525440 z^{53} + 9928365 z^{52} + 57368640 z^{51}$ $+ 294334206 z^{50} + 1339570560 z^{49} + 5467721775 z^{48}$ $+ 20185618560 z^{47} + 67757521800 z^{46} + 207774917760 z^{45}$ $+ 584391235005 z^{44} + 1512599633280 z^{43}$ $+ 3613432951530 z^{42} + 7987550662080 z^{41}$ $+ 16374409101495 z^{40} + 31189185364800 z^{39}$ $+ 55289969060460 z^{38} + 91349057524800 z^{37}$ $+ 140829930763785 z^{36} + 202794816276672 z^{35}$ $+ 272992819232190 z^{34} + 343768418382080 z^{33}$ $+ 405155476231635 z^{32} + 447068919970560 z^{31}$ $+ 461971897109104 z^{30} + 447068919970560 z^{29}$ $+ 405155476231635 z^{28} + 343768418382080 z^{27}$	$\{[30, \sqrt{15}]\}$

		$ \begin{aligned} &+272992819232190 z^{26} + 202794816276672 z^{25} \\ &+140829930763785 z^{24} + 91349057524800 z^{23} \\ &+55289969060460 z^{22} + 31189185364800 z^{21} \\ &+16374409101495 z^{20} + 7987550662080 z^{19} \\ &+3613432951530 z^{18} + 1512599633280 z^{17} \\ &+584391235005 z^{16} + 207774917760 z^{15} + 67757521800 z^{14} \\ &+20185618560 z^{13} + 5467721775 z^{12} + 1339570560 z^{11} \\ &+294334206 z^{10} + 57368640 z^9 + 9928365 z^8 + 1525440 z^7 \\ &+201940 z^6 + 27072 z^5 + 3795 z^4 + 320 z^3 + 90 z^2 + 1 \end{aligned} $	
$\{[60, 2, 52]\}$	$x^8 + x^7 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &z^{60} + 30 z^{58} + 4035 z^{56} + 386940 z^{54} + 20009565 z^{52} \\ &+ 588981546 z^{50} + 10932507855 z^{48} + 135514333080 z^{46} \\ &+ 1168819683165 z^{44} + 7226776716750 z^{42} \\ &+ 32748825213063 z^{40} + 110580253399620 z^{38} \\ &+ 281659325590425 z^{36} + 545985687500010 z^{34} \\ &+ 810311983834515 z^{32} + 923942171049296 z^{30} \\ &+ 810311983834515 z^{28} + 545985687500010 z^{26} \\ &+ 281659325590425 z^{24} + 110580253399620 z^{22} \\ &+ 32748825213063 z^{20} + 7226776716750 z^{18} \\ &+ 1168819683165 z^{16} + 135514333080 z^{14} \\ &+ 10932507855 z^{12} + 588981546 z^{10} + 20009565 z^8 \\ &+ 386940 z^6 + 4035 z^4 + 30 z^2 + 1 \end{aligned} $	$\{[30, \sqrt{15}]\}$
		$ \begin{aligned} &z^{60} + 30 z^{58} + 2835 z^{56} + 15360 z^{55} + 220380 z^{54} + 1428480 z^{53} \\ &+ 10203885 z^{52} + 57384960 z^{51} + 294647466 z^{50} \\ &+ 1339883520 z^{49} + 5462295215 z^{48} + 20189521920 z^{47} \\ &+ 67753651800 z^{46} + 207777458176 z^{45} + 584446490685 z^{44} \\ &+ 1512537292800 z^{43} + 3613397160270 z^{42} \\ &+ 7987608330240 z^{41} + 16374204645495 z^{40} \\ &+ 31189451002880 z^{39} + 55290306535140 z^{38} \\ &+ 91348518282240 z^{37} + 140830011092425 z^{36} \\ &+ 202794703699968 z^{35} + 272992348198890 z^{34} \\ &+ 343769560023040 z^{33} + 405155550255315 z^{32} \end{aligned} $	

$\{[60, 2, 52]\}$	$x^8 + x^7 + x^4 + x + 1$	$+447068162519040 z^{31} + 461972242885584 z^{30}$ $+447068162519040 z^{29} + 405155550255315 z^{28}$ $+343769560023040 z^{27} + 272992348198890 z^{26}$ $+202794703699968 z^{25} + 140830011092425 z^{24}$ $+91348518282240 z^{23} + 55290306535140 z^{22}$ $+31189451002880 z^{21} + 16374204645495 z^{20}$ $+7987608330240 z^{19} + 3613397160270 z^{18}$ $+1512537292800 z^{17} + 584446490685 z^{16}$ $+207777458176 z^{15} + 67753651800 z^{14} + 20189521920 z^{13}$ $+5462295215 z^{12} + 1339883520 z^{11} + 294647466 z^{10}$ $+57384960 z^9 + 10203885 z^8 + 1428480 z^7 + 220380 z^6$ $+15360 z^5 + 2835 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 52]\}$	$x^8 + x^7 + x^3 + 1$	$3165 z^{56} + 383880 z^{54} + 20001870 z^{52} + 589236960 z^{50}$ $+10932014275 z^{48} + 135512504400 z^{46}$ $+1168824805020 z^{44} + 7226790364640 z^{42}$ $+32748747572541 z^{40} + 110580379997880 z^{38}$ $+281659296437090 z^{36} + 545985485922240 z^{34}$ $+810312303110955 z^{32} + 923942004737888 z^{30}$ $+810311918673480 z^{28} + 545985804853440 z^{26}$ $+281659302849535 z^{24} + 110580218169720 z^{22}$ $+32748839455794 z^{20} + 7226788344160 z^{18}$ $+1168809609105 z^{16} + 135515864400 z^{14}$ $+10933367900 z^{12} + 588692832 z^{10} + 19997415 z^8$ $+395080 z^6 + 4830 z^4 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{63} + 189 z^{60} + 2331 z^{59} + 26460 z^{58} + 265860 z^{57} + 2173311 z^{56}$ $+15123465 z^{55} + 92367604 z^{54} + 499267692 z^{53}$ $+2405819997 z^{52} + 10423461867 z^{51} + 40891039560 z^{50}$ $+146043980280 z^{49} + 477080206071 z^{48}$ $+1431232153029 z^{47} + 3956927930424 z^{46}$ $+10112160011016 z^{45} + 23949866904705 z^{44}$ $+52689699331479 z^{43} + 107888419497396 z^{42}$	

$\{[63, 2, 55]\}$	$x^8+x+1$	$ \begin{aligned} &+205968799202796 z^{41}+367161753902139 z^{40} \\ &+611936269686525 z^{39}+954620682767388 z^{38} \\ &+1395214824471300 z^{37}+1911960818809265 z^{36} \\ &+2458235355980823 z^{35}+2966836153281840 z^{34} \\ &+3362414297502288 z^{33}+3579343794314883 z^{32} \\ &+3579343794314883 z^{31}+3362414297502288 z^{30} \\ &+2966836153281840 z^{29}+2458235355980823 z^{28} \\ &+1911960818809265 z^{27}+1395214824471300 z^{26} \\ &+954620682767388 z^{25}+611936269686525 z^{24} \\ &+367161753902139 z^{23}+205968799202796 z^{22} \\ &+107888419497396 z^{21}+52689699331479 z^{20} \\ &+23949866904705 z^{19}+10112160011016 z^{18} \\ &+3956927930424 z^{17}+1431232153029 z^{16} \\ &+477080206071 z^{15}+146043980280 z^{14}+40891039560 z^{13} \\ &+10423461867 z^{12}+2405819997 z^{11}+499267692 z^{10} \\ &+92367604 z^9+15123465 z^8+2173311 z^7+265860 z^6 \\ &+26460 z^5+2331 z^4+189 z^3+1 \end{aligned} $	$ \left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
$\{[63, 2, 55]\}$	$x^8+x^5+x^2+x+1$	$ \begin{aligned} &z^{63}+189 z^{60}+2331 z^{59}+26460 z^{58}+265860 z^{57}+2173311 z^{56} \\ &+15123465 z^{55}+92367604 z^{54}+499267692 z^{53} \\ &+2405819997 z^{52}+10423461867 z^{51}+40891039560 z^{50} \\ &+146043980280 z^{49}+477080206071 z^{48} \\ &+1431232153029 z^{47}+3956927930424 z^{46} \\ &+10112160011016 z^{45}+23949866904705 z^{44} \\ &+52689699331479 z^{43}+107888419497396 z^{42} \\ &+205968799202796 z^{41}+367161753902139 z^{40} \\ &+611936269686525 z^{39}+954620682767388 z^{38} \\ &+1395214824471300 z^{37}+1911960818809265 z^{36} \\ &+2458235355980823 z^{35}+2966836153281840 z^{34} \\ &+3362414297502288 z^{33}+3579343794314883 z^{32} \\ &+3579343794314883 z^{31}+3362414297502288 z^{30} \\ &+2966836153281840 z^{29}+2458235355980823 z^{28} \end{aligned} $	$ \left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $

		$ \begin{aligned} &+1911960818809265 z^{27} + 1395214824471300 z^{26} \\ &+954620682767388 z^{25} + 611936269686525 z^{24} \\ &+367161753902139 z^{23} + 205968799202796 z^{22} \\ &+107888419497396 z^{21} + 52689699331479 z^{20} \\ &+23949866904705 z^{19} + 10112160011016 z^{18} \\ &+3956927930424 z^{17} + 1431232153029 z^{16} \\ &+477080206071 z^{15} + 146043980280 z^{14} + 40891039560 z^{13} \\ &+10423461867 z^{12} + 2405819997 z^{11} + 499267692 z^{10} \\ &+92367604 z^9 + 15123465 z^8 + 2173311 z^7 + 265860 z^6 \\ &+26460 z^5 + 2331 z^4 + 189 z^3 + 1 \end{aligned} $	
$\{[63, 2, 55]\}$	$x^8 + x^5 + x^4 + x^2 + 1$	$ \begin{aligned} &z^{63} + 189 z^{60} + 2331 z^{59} + 26460 z^{58} + 265860 z^{57} + 2173311 z^{56} \\ &+ 15123465 z^{55} + 92367604 z^{54} + 499267692 z^{53} \\ &+ 2405819997 z^{52} + 10423461867 z^{51} + 40891039560 z^{50} \\ &+ 146043980280 z^{49} + 477080206071 z^{48} \\ &+ 1431232153029 z^{47} + 3956927930424 z^{46} \\ &+ 10112160011016 z^{45} + 23949866904705 z^{44} \\ &+ 52689699331479 z^{43} + 107888419497396 z^{42} \\ &+ 205968799202796 z^{41} + 367161753902139 z^{40} \\ &+ 611936269686525 z^{39} + 954620682767388 z^{38} \\ &+ 1395214824471300 z^{37} + 1911960818809265 z^{36} \\ &+ 2458235355980823 z^{35} + 2966836153281840 z^{34} \\ &+ 3362414297502288 z^{33} + 3579343794314883 z^{32} \\ &+ 3579343794314883 z^{31} + 3362414297502288 z^{30} \\ &+ 2966836153281840 z^{29} + 2458235355980823 z^{28} \\ &+ 1911960818809265 z^{27} + 1395214824471300 z^{26} \\ &+ 954620682767388 z^{25} + 611936269686525 z^{24} \\ &+ 367161753902139 z^{23} + 205968799202796 z^{22} \\ &+ 107888419497396 z^{21} + 52689699331479 z^{20} \\ &+ 23949866904705 z^{19} + 10112160011016 z^{18} \\ &+ 3956927930424 z^{17} + 1431232153029 z^{16} \\ &+ 477080206071 z^{15} + 146043980280 z^{14} + 40891039560 z^{13} \end{aligned} $	$ \left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $



		$+10423461867 z^{12} + 2405819997 z^{11} + 499267692 z^{10}$ $+92367604 z^9 + 15123465 z^8 + 2173311 z^7 + 265860 z^6$ $+26460 z^5 + 2331 z^4 + 189 z^3 + 1$	
$\{[63, 2, 55]\}$	$x^8 + x^6 + x^4 + x^3 + 1$	$z^{63} + 189 z^{60} + 2331 z^{59} + 26460 z^{58} + 265860 z^{57} + 2173311 z^{56}$ $+ 15123465 z^{55} + 92367604 z^{54} + 499267692 z^{53}$ $+ 2405819997 z^{52} + 10423461867 z^{51} + 40891039560 z^{50}$ $+ 146043980280 z^{49} + 477080206071 z^{48}$ $+ 1431232153029 z^{47} + 3956927930424 z^{46}$ $+ 10112160011016 z^{45} + 23949866904705 z^{44}$ $+ 52689699331479 z^{43} + 107888419497396 z^{42}$ $+ 205968799202796 z^{41} + 367161753902139 z^{40}$ $+ 611936269686525 z^{39} + 954620682767388 z^{38}$ $+ 1395214824471300 z^{37} + 1911960818809265 z^{36}$ $+ 2458235355980823 z^{35} + 2966836153281840 z^{34}$ $+ 3362414297502288 z^{33} + 3579343794314883 z^{32}$ $+ 3579343794314883 z^{31} + 3362414297502288 z^{30}$ $+ 2966836153281840 z^{29} + 2458235355980823 z^{28}$ $+ 1911960818809265 z^{27} + 1395214824471300 z^{26}$ $+ 954620682767388 z^{25} + 611936269686525 z^{24}$ $+ 367161753902139 z^{23} + 205968799202796 z^{22}$ $+ 107888419497396 z^{21} + 52689699331479 z^{20}$ $+ 23949866904705 z^{19} + 10112160011016 z^{18}$ $+ 3956927930424 z^{17} + 1431232153029 z^{16}$ $+ 477080206071 z^{15} + 146043980280 z^{14} + 40891039560 z^{13}$ $+ 10423461867 z^{12} + 2405819997 z^{11} + 499267692 z^{10}$ $+ 92367604 z^9 + 15123465 z^8 + 2173311 z^7 + 265860 z^6$ $+ 26460 z^5 + 2331 z^4 + 189 z^3 + 1$	$\left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{63} + 63 z^{61} + 189 z^{60} + 3591 z^{59} + 30807 z^{58} + 262710 z^{57}$ $+ 2156931 z^{56} + 15083901 z^{55} + 92303638 z^{54}$ $+ 499381533 z^{53} + 2405921049 z^{52} + 10423962003 z^{51}$ $+ 40894471989 z^{50} + 146041583004 z^{49} + 477059017071 z^{48}$	

$\{[63, 2, 55]\}$	$x^8 + x^6 + x^3 + x + 1$	$ \begin{aligned} &+1431231851133 z^{47} + 3956983235100 z^{46} \\ &+10112179901607 z^{45} + 23949810643689 z^{44} \\ &+52689659142267 z^{43} + 107888351148255 z^{42} \\ &+205968782492298 z^{41} + 367162055843751 z^{40} \\ &+611936467389849 z^{39} + 954620289432810 z^{38} \\ &+1395214482204333 z^{37} + 1911960909992357 z^{36} \\ &+2458235522011527 z^{35} + 2966836581916389 z^{34} \\ &+3362414613247368 z^{33} + 3579343154850771 z^{32} \\ &+3579343154850771 z^{31} + 3362414613247368 z^{30} \\ &+2966836581916389 z^{29} + 2458235522011527 z^{28} \\ &+1911960909992357 z^{27} + 1395214482204333 z^{26} \\ &+954620289432810 z^{25} + 611936467389849 z^{24} \\ &+367162055843751 z^{23} + 205968782492298 z^{22} \\ &+107888351148255 z^{21} + 52689659142267 z^{20} \\ &+23949810643689 z^{19} + 10112179901607 z^{18} \\ &+3956983235100 z^{17} + 1431231851133 z^{16} \\ &+477059017071 z^{15} + 146041583004 z^{14} + 40894471989 z^{13} \\ &+10423962003 z^{12} + 2405921049 z^{11} + 499381533 z^{10} \\ &+92303638 z^9 + 15083901 z^8 + 2156931 z^7 + 262710 z^6 \\ &+30807 z^5 + 3591 z^4 + 189 z^3 + 63 z^2 + 1 \end{aligned} $	$ \left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 63 z^{61} + 6993 z^{59} + 456057 z^{57} + 1194102 z^{56} + 19098828 z^{55} \\ &+78152445 z^{54} + 541173906 z^{53} + 2304325989 z^{52} \\ &+10619928774 z^{51} + 40623566067 z^{50} + 146197943334 z^{49} \\ &+477490517217 z^{48} + 1429544660607 z^{47} \\ &+3960230438934 z^{46} + 10108455128373 z^{45} \\ &+23950786858614 z^{44} + 52695849235491 z^{43} \\ &+107873001448386 z^{42} + 205988120022699 z^{41} \\ &+367152285512880 z^{40} + 611921629456494 z^{39} \\ &+954662687967807 z^{38} + 1395163536858252 z^{37} \\ &+1911985904958087 z^{36} + 2458262554811748 z^{35} \\ &+2966764028062905 z^{34} + 3362491820630628 z^{33} \end{aligned} $	

$\{[63, 2, 55]\}$	$x^8+x^6+x^5+x^4+x^3+x^2+1$	$+3579310197066303 z^{32}+3579310197066303 z^{31}$ $+3362491820630628 z^{30}+2966764028062905 z^{29}$ $+2458262554811748 z^{28}+1911985904958087 z^{27}$ $+1395163536858252 z^{26}+954662687967807 z^{25}$ $+611921629456494 z^{24}+367152285512880 z^{23}$ $+205988120022699 z^{22}+107873001448386 z^{21}$ $+52695849235491 z^{20}+23950786858614 z^{19}$ $+10108455128373 z^{18}+3960230438934 z^{17}$ $+1429544660607 z^{16}+477490517217 z^{15}$ $+146197943334 z^{14}+40623566067 z^{13}+10619928774 z^{12}$ $+2304325989 z^{11}+541173906 z^{10}+78152445 z^9$ $+19098828 z^8+1194102 z^7+456057 z^6+6993 z^4+63 z^2+1$	$\left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 55]\}$	$x^8+x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$z^{63}+189 z^{61}+16191 z^{59}+830907 z^{57}+28448910 z^{55}$ $+40353607 z^{54}+685239030 z^{53}+1815912315 z^{52}$ $+11939939466 z^{51}+37407793689 z^{50}+152654317074 z^{49}$ $+467346652269 z^{48}+1441472837931 z^{47}$ $+3955679620578 z^{46}+10088668085727 z^{45}$ $+24011237825946 z^{44}+52588709766621 z^{43}$ $+107994271993734 z^{42}+205934857213617 z^{41}$ $+367049941165278 z^{40}+612228909206964 z^{39}$ $+954219636717165 z^{38}+1395513476886564 z^{37}$ $+1911969895335689 z^{36}+2457831634494012 z^{35}$ $+2967530321913003 z^{34}+3361771486667244 z^{33}$ $+3579596390248263 z^{32}+3579596390248263 z^{31}$ $+3361771486667244 z^{30}+2967530321913003 z^{29}$ $+2457831634494012 z^{28}+1911969895335689 z^{27}$ $+1395513476886564 z^{26}+954219636717165 z^{25}$ $+612228909206964 z^{24}+367049941165278 z^{23}$ $+205934857213617 z^{22}+107994271993734 z^{21}$ $+52588709766621 z^{20}+24011237825946 z^{19}$ $+10088668085727 z^{18}+3955679620578 z^{17}$	$\left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$ \begin{aligned} &+1441472837931 z^{16}+467346652269 z^{15} \\ &+152654317074 z^{14}+37407793689 z^{13}+11939939466 z^{12} \\ &+1815912315 z^{11}+685239030 z^{10}+40353607 z^9 \\ &+28448910 z^8+830907 z^6+16191 z^4+189 z^2+1 \end{aligned} $	
$\{[63, 2, 55]\}$	$x^8+x^7+x^6+x^3+1$	$ \begin{aligned} &z^{63}+189 z^{60}+2331 z^{59}+26460 z^{58}+265860 z^{57}+2173311 z^{56} \\ &+15123465 z^{55}+92367604 z^{54}+499267692 z^{53} \\ &+2405819997 z^{52}+10423461867 z^{51}+40891039560 z^{50} \\ &+146043980280 z^{49}+477080206071 z^{48} \\ &+1431232153029 z^{47}+3956927930424 z^{46} \\ &+10112160011016 z^{45}+23949866904705 z^{44} \\ &+52689699331479 z^{43}+107888419497396 z^{42} \\ &+205968799202796 z^{41}+367161753902139 z^{40} \\ &+611936269686525 z^{39}+954620682767388 z^{38} \\ &+1395214824471300 z^{37}+1911960818809265 z^{36} \\ &+2458235355980823 z^{35}+2966836153281840 z^{34} \\ &+3362414297502288 z^{33}+3579343794314883 z^{32} \\ &+3579343794314883 z^{31}+3362414297502288 z^{30} \\ &+2966836153281840 z^{29}+2458235355980823 z^{28} \\ &+1911960818809265 z^{27}+1395214824471300 z^{26} \\ &+954620682767388 z^{25}+611936269686525 z^{24} \\ &+367161753902139 z^{23}+205968799202796 z^{22} \\ &+107888419497396 z^{21}+52689699331479 z^{20} \\ &+23949866904705 z^{19}+10112160011016 z^{18} \\ &+3956927930424 z^{17}+1431232153029 z^{16} \\ &+477080206071 z^{15}+146043980280 z^{14}+40891039560 z^{13} \\ &+10423461867 z^{12}+2405819997 z^{11}+499267692 z^{10} \\ &+92367604 z^9+15123465 z^8+2173311 z^7+265860 z^6 \\ &+26460 z^5+2331 z^4+189 z^3+1 \end{aligned} $	$ \left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63}+63 z^{61}+189 z^{60}+3591 z^{59}+30807 z^{58}+262710 z^{57} \\ &+2156931 z^{56}+15083901 z^{55}+92303638 z^{54} \\ &+499381533 z^{53}+2405921049 z^{52}+10423962003 z^{51} \end{aligned} $	

$\{[63, 2, 55]\}$	$x^8 + x^7 + x^5 + x^2 + 1$	$ \begin{aligned} &+40894471989 z^{50} + 146041583004 z^{49} + 477059017071 z^{48} \\ &+ 1431231851133 z^{47} + 3956983235100 z^{46} \\ &+ 10112179901607 z^{45} + 23949810643689 z^{44} \\ &+ 52689659142267 z^{43} + 107888351148255 z^{42} \\ &+ 205968782492298 z^{41} + 367162055843751 z^{40} \\ &+ 611936467389849 z^{39} + 954620289432810 z^{38} \\ &+ 1395214482204333 z^{37} + 191196090992357 z^{36} \\ &+ 2458235522011527 z^{35} + 2966836581916389 z^{34} \\ &+ 3362414613247368 z^{33} + 3579343154850771 z^{32} \\ &+ 3579343154850771 z^{31} + 3362414613247368 z^{30} \\ &+ 2966836581916389 z^{29} + 2458235522011527 z^{28} \\ &+ 191196090992357 z^{27} + 1395214482204333 z^{26} \\ &+ 954620289432810 z^{25} + 611936467389849 z^{24} \\ &+ 367162055843751 z^{23} + 205968782492298 z^{22} \\ &+ 107888351148255 z^{21} + 52689659142267 z^{20} \\ &+ 23949810643689 z^{19} + 10112179901607 z^{18} \\ &+ 3956983235100 z^{17} + 1431231851133 z^{16} \\ &+ 477059017071 z^{15} + 146041583004 z^{14} + 40894471989 z^{13} \\ &+ 10423962003 z^{12} + 2405921049 z^{11} + 499381533 z^{10} \\ &+ 92303638 z^9 + 15083901 z^8 + 2156931 z^7 + 262710 z^6 \\ &+ 30807 z^5 + 3591 z^4 + 189 z^3 + 63 z^2 + 1 \end{aligned} $	$ \left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 189 z^{60} + 2331 z^{59} + 26460 z^{58} + 265860 z^{57} + 2173311 z^{56} \\ &+ 15123465 z^{55} + 92367604 z^{54} + 499267692 z^{53} \\ &+ 2405819997 z^{52} + 10423461867 z^{51} + 40891039560 z^{50} \\ &+ 146043980280 z^{49} + 477080206071 z^{48} \\ &+ 1431232153029 z^{47} + 3956927930424 z^{46} \\ &+ 10112160011016 z^{45} + 23949866904705 z^{44} \\ &+ 52689699331479 z^{43} + 107888419497396 z^{42} \\ &+ 205968799202796 z^{41} + 367161753902139 z^{40} \\ &+ 611936269686525 z^{39} + 954620682767388 z^{38} \\ &+ 1395214824471300 z^{37} + 1911960818809265 z^{36} \end{aligned} $	

$\{[63, 2, 55]\}$	$x^8 + x^7 + 1$	$+2458235355980823 z^{35} + 2966836153281840 z^{34}$ $+3362414297502288 z^{33} + 3579343794314883 z^{32}$ $+3579343794314883 z^{31} + 3362414297502288 z^{30}$ $+2966836153281840 z^{29} + 2458235355980823 z^{28}$ $+1911960818809265 z^{27} + 1395214824471300 z^{26}$ $+954620682767388 z^{25} + 611936269686525 z^{24}$ $+367161753902139 z^{23} + 205968799202796 z^{22}$ $+107888419497396 z^{21} + 52689699331479 z^{20}$ $+23949866904705 z^{19} + 10112160011016 z^{18}$ $+3956927930424 z^{17} + 1431232153029 z^{16}$ $+477080206071 z^{15} + 146043980280 z^{14} + 40891039560 z^{13}$ $+10423461867 z^{12} + 2405819997 z^{11} + 499267692 z^{10}$ $+92367604 z^9 + 15123465 z^8 + 2173311 z^7 + 265860 z^6$ $+26460 z^5 + 2331 z^4 + 189 z^3 + 1$	$\left\{ \left[ \frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[64, 2, 56]\}$	$x^8 + 1$	$z^{64} + 224 z^{62} + 22512 z^{60} + 1339296 z^{58} + 52426872 z^{56}$ $+1420888672 z^{54} + 27363567056 z^{52} + 379405988640 z^{50}$ $+3816905668380 z^{48} + 28095041625952 z^{46}$ $+153211471210224 z^{44} + 627835172554016 z^{42}$ $+1958515552724808 z^{40} + 4699511627733216 z^{38}$ $+8739670146898768 z^{36} + 12658574765610144 z^{34}$ $+14318316181410374 z^{32} + 12658574765610144 z^{30}$ $+8739670146898768 z^{28} + 4699511627733216 z^{26}$ $+1958515552724808 z^{24} + 627835172554016 z^{22}$ $+153211471210224 z^{20} + 28095041625952 z^{18}$ $+3816905668380 z^{16} + 379405988640 z^{14}$ $+27363567056 z^{12} + 1420888672 z^{10} + 52426872 z^8$ $+1339296 z^6 + 22512 z^4 + 224 z^2 + 1$	$\{[32, 4]\}$
		$z^{68} + 102 z^{66} + 4913 z^{64} + 34816 z^{63} + 427040 z^{62} + 3794944 z^{61}$ $+28782632 z^{60} + 192950272 z^{59} + 1135888592 z^{58}$ $+5985775616 z^{57} + 28447431304 z^{56} + 122537523200 z^{55}$ $+481376210016 z^{54} + 1733003548672 z^{53}$	

{ [68, 2, 60] }	$x^8 + x^5 + x^4 + x^3 + 1$	$ \begin{aligned} &+5740495829420 z^{52} + 17559086522368 z^{51} \\ &+49751131995944 z^{50} + 130923892793344 z^{49} \\ &+320762953971788 z^{48} + 733173176666112 z^{47} \\ &+1566324190196256 z^{46} + 3132647483566080 z^{45} \\ &+5873716878296824 z^{44} + 10337740979720192 z^{43} \\ &+17097028163661232 z^{42} + 26595381173669888 z^{41} \\ &+38943239623032280 z^{40} + 53714807703271424 z^{39} \\ &+69829254407273824 z^{38} + 85597152094115840 z^{37} \\ &+98971695353539414 z^{36} + 107969128837758976 z^{35} \\ &+111144703930340324 z^{34} + 107969128837758976 z^{33} \\ &+98971695353539414 z^{32} + 85597152094115840 z^{31} \\ &+69829254407273824 z^{30} + 53714807703271424 z^{29} \\ &+38943239623032280 z^{28} + 26595381173669888 z^{27} \\ &+17097028163661232 z^{26} + 10337740979720192 z^{25} \\ &+5873716878296824 z^{24} + 3132647483566080 z^{23} \\ &+1566324190196256 z^{22} + 733173176666112 z^{21} \\ &+320762953971788 z^{20} + 130923892793344 z^{19} \\ &+49751131995944 z^{18} + 17559086522368 z^{17} \\ &+5740495829420 z^{16} + 1733003548672 z^{15} \\ &+481376210016 z^{14} + 122537523200 z^{13} + 28447431304 z^{12} \\ &+5985775616 z^{11} + 1135888592 z^{10} + 192950272 z^9 \\ &+28782632 z^8 + 3794944 z^7 + 427040 z^6 + 34816 z^5 + 4913 z^4 \\ &+102 z^2 + 1 \end{aligned} $	{ [34, $\sqrt{17}$ ] }
		$ \begin{aligned} &z^{68} + 102 z^{66} + 4913 z^{64} + 34816 z^{63} + 427040 z^{62} + 3794944 z^{61} \\ &+28782632 z^{60} + 192950272 z^{59} + 1135888592 z^{58} \\ &+5985775616 z^{57} + 28447431304 z^{56} + 122537523200 z^{55} \\ &+481376210016 z^{54} + 1733003548672 z^{53} \\ &+5740495829420 z^{52} + 17559086522368 z^{51} \\ &+49751131995944 z^{50} + 130923892793344 z^{49} \\ &+320762953971788 z^{48} + 733173176666112 z^{47} \\ &+1566324190196256 z^{46} + 3132647483566080 z^{45} \end{aligned} $	

$\{[68, 2, 60]\}$	$x^8 + x^7 + x^6 + x^4 + x^2 + x + 1$	$+5873716878296824 z^{44} + 10337740979720192 z^{43}$ $+17097028163661232 z^{42} + 26595381173669888 z^{41}$ $+38943239623032280 z^{40} + 53714807703271424 z^{39}$ $+69829254407273824 z^{38} + 85597152094115840 z^{37}$ $+98971695353539414 z^{36} + 107969128837758976 z^{35}$ $+111144703930340324 z^{34} + 107969128837758976 z^{33}$ $+98971695353539414 z^{32} + 85597152094115840 z^{31}$ $+69829254407273824 z^{30} + 53714807703271424 z^{29}$ $+38943239623032280 z^{28} + 26595381173669888 z^{27}$ $+17097028163661232 z^{26} + 10337740979720192 z^{25}$ $+5873716878296824 z^{24} + 3132647483566080 z^{23}$ $+1566324190196256 z^{22} + 733173176666112 z^{21}$ $+320762953971788 z^{20} + 130923892793344 z^{19}$ $+49751131995944 z^{18} + 17559086522368 z^{17}$ $+5740495829420 z^{16} + 1733003548672 z^{15}$ $+481376210016 z^{14} + 122537523200 z^{13} + 28447431304 z^{12}$ $+5985775616 z^{11} + 1135888592 z^{10} + 192950272 z^9$ $+28782632 z^8 + 3794944 z^7 + 427040 z^6 + 34816 z^5 + 4913 z^4$ $+102 z^2 + 1$	$\{[34, \sqrt{17}]\}$
$\{[70, 2, 62]\}$	$x^8 + x^4 + x^2 + 1$	$765625 z^{64} + 70437500 z^{62} + 3092950000 z^{60} + 83194562500 z^{58}$ $+1509965600000 z^{56} + 19374604987500 z^{54}$ $+181218924460000 z^{52} + 1264732097072500 z^{50}$ $+6706863507116500 z^{48} + 27410639360023500 z^{46}$ $+87292495910808720 z^{44} + 218462114012015540 z^{42}$ $+432404074359009424 z^{40} + 679990536741977020 z^{38}$ $+852109500135620160 z^{36} + 852109140787401700 z^{34}$ $+679990453367061550 z^{32} + 432404377767960500 z^{30}$ $+218462011109610000 z^{28} + 87292399568335500 z^{26}$ $+27410713112311200 z^{24} + 6706868638096900 z^{22}$ $+1264714474231264 z^{20} + 181221067276060 z^{18}$ $+19376719626180 z^{16} + 1509607216900 z^{14}$	$\left\{ \left[ 35, \frac{\sqrt{70}}{2} \right] \right\}$



		$+83047711600 z^{12} + 3105077500 z^{10} + 76728400 z^8$ $+1318100 z^6 + 17920 z^4 + 140 z^2 + 1$	
$\{[70, 2, 62]\}$	$x^8 + x^6 + x^4 + x^2 + 1$	$z^{70} + 210 z^{68} + 20195 z^{66} + 33614 z^{65} + 1177540 z^{64} + 4369820 z^{63}$ $+46465965 z^{62} + 251264650 z^{61} + 1594336471 z^{60}$ $+8448734840 z^{59} + 41455249745 z^{58} + 185468582390 z^{57}$ $+753834466875 z^{56} + 2818401182324 z^{55}$ $+9688781908225 z^{54} + 30772548441810 z^{53}$ $+90620348109375 z^{52} + 247984160489520 z^{51}$ $+632350008107181 z^{50} + 1505627796950550 z^{49}$ $+3353381301727275 z^{48} + 6998470578344700 z^{47}$ $+13705427211027825 z^{46} + 25217800758705282 z^{45}$ $+43646337888574995 z^{44} + 71127195177143560 z^{43}$ $+109230690060766085 z^{42} + 158196701619859070 z^{41}$ $+216202130768885863 z^{40} + 278970413905796340 z^{39}$ $+339995822593216335 z^{38} + 391509663322715210 z^{37}$ $+426054258712806815 z^{36} + 438227724328466592 z^{35}$ $+426054258712806815 z^{34} + 391509663322715210 z^{33}$ $+339995822593216335 z^{32} + 278970413905796340 z^{31}$ $+216202130768885863 z^{30} + 158196701619859070 z^{29}$ $+109230690060766085 z^{28} + 71127195177143560 z^{27}$ $+43646337888574995 z^{26} + 25217800758705282 z^{25}$ $+13705427211027825 z^{24} + 6998470578344700 z^{23}$ $+3353381301727275 z^{22} + 1505627796950550 z^{21}$ $+632350008107181 z^{20} + 247984160489520 z^{19}$ $+90620348109375 z^{18} + 30772548441810 z^{17}$ $+9688781908225 z^{16} + 2818401182324 z^{15}$ $+753834466875 z^{14} + 185468582390 z^{13} + 41455249745 z^{12}$ $+8448734840 z^{11} + 1594336471 z^{10} + 251264650 z^9$ $+46465965 z^8 + 4369820 z^7 + 1177540 z^6 + 33614 z^5$ $+20195 z^4 + 210 z^2 + 1$	$\left\{ \left[ 35, \frac{\sqrt{70}}{2} \right] \right\}$
		$765625 z^{64} + 70437500 z^{62} + 3092950000 z^{60} + 83194562500 z^{58}$	

$\{[70, 2, 62]\}$	$x^8 + x^6 + x^4 + 1$	$+1509965600000 z^{56} + 19374604987500 z^{54}$ $+181218924460000 z^{52} + 1264732097072500 z^{50}$ $+6706863507116500 z^{48} + 27410639360023500 z^{46}$ $+87292495910808720 z^{44} + 218462114012015540 z^{42}$ $+432404074359009424 z^{40} + 679990536741977020 z^{38}$ $+852109500135620160 z^{36} + 852109140787401700 z^{34}$ $+679990453367061550 z^{32} + 432404377767960500 z^{30}$ $+218462011109610000 z^{28} + 87292399568335500 z^{26}$ $+27410713112311200 z^{24} + 6706868638096900 z^{22}$ $+1264714474231264 z^{20} + 181221067276060 z^{18}$ $+19376719626180 z^{16} + 1509607216900 z^{14}$ $+83047711600 z^{12} + 3105077500 z^{10} + 76728400 z^8$ $+1318100 z^6 + 17920 z^4 + 140 z^2 + 1$	$\left\{ \left[ 35, \frac{\sqrt{70}}{2} \right] \right\}$
$\{[70, 2, 62]\}$	$x^8 + x^6 + x^5 + x^3 + x + 1$	$z^{70} + 35 z^{68} + 11235 z^{66} + 1169665 z^{64} + 75891480 z^{62}$ $+3109201032 z^{60} + 83093255560 z^{58} + 1509559921560 z^{56}$ $+19375905610460 z^{54} + 181222129702740 z^{52}$ $+1264720862746068 z^{50} + 6706855240148700 z^{48}$ $+27410693543087400 z^{46} + 87292476404232120 z^{44}$ $+218461986689519800 z^{42} + 432404223330310056 z^{40}$ $+679990633066254790 z^{38} + 852109226202631250 z^{36}$ $+852109226202631250 z^{34} + 679990633066254790 z^{32}$ $+432404223330310056 z^{30} + 218461986689519800 z^{28}$ $+87292476404232120 z^{26} + 27410693543087400 z^{24}$ $+6706855240148700 z^{22} + 1264720862746068 z^{20}$ $+181222129702740 z^{18} + 19375905610460 z^{16}$ $+1509559921560 z^{14} + 83093255560 z^{12} + 3109201032 z^{10}$ $+75891480 z^8 + 1169665 z^6 + 11235 z^4 + 35 z^2 + 1$	$\left\{ \left[ 35, \frac{\sqrt{70}}{2} \right] \right\}$
		$z^{70} + 35 z^{68} + 11235 z^{66} + 1169665 z^{64} + 75891480 z^{62}$ $+3109201032 z^{60} + 83093255560 z^{58} + 1509559921560 z^{56}$ $+19375905610460 z^{54} + 181222129702740 z^{52}$ $+1264720862746068 z^{50} + 6706855240148700 z^{48}$	

$\{[70, 2, 62]\}$	$x^8 + x^7 + x^5 + x^3 + x^2 + 1$	$+27410693543087400 z^{46} + 87292476404232120 z^{44}$ $+218461986689519800 z^{42} + 432404223330310056 z^{40}$ $+679990633066254790 z^{38} + 852109226202631250 z^{36}$ $+852109226202631250 z^{34} + 679990633066254790 z^{32}$ $+432404223330310056 z^{30} + 218461986689519800 z^{28}$ $+87292476404232120 z^{26} + 27410693543087400 z^{24}$ $+6706855240148700 z^{22} + 1264720862746068 z^{20}$ $+181222129702740 z^{18} + 19375905610460 z^{16}$ $+1509559921560 z^{14} + 83093255560 z^{12} + 3109201032 z^{10}$ $+75891480 z^8 + 1169665 z^6 + 11235 z^4 + 35 z^2 + 1$	$\left\{ \left[ 35, \frac{\sqrt{70}}{2} \right] \right\}$
$\{[70, 2, 62]\}$	$x^8 + x^7 + x + 1$	$175 z^{68} + 21700 z^{66} + 1797145 z^{64} + 94722040 z^{62}$ $+3404725632 z^{60} + 85363945240 z^{58} + 1516618891120 z^{56}$ $+19369301942200 z^{54} + 181136852490300 z^{52}$ $+1264648371105000 z^{50} + 6707274684652500 z^{48}$ $+27411243751815000 z^{46} + 87291222378334800 z^{44}$ $+218460278841948600 z^{42} + 432406735561128160 z^{40}$ $+679993655922331800 z^{38} + 852105839230645650 z^{36}$ $+852105834693078000 z^{34} + 679993659982260750 z^{32}$ $+432406732313185000 z^{30} + 218460281161908000 z^{28}$ $+87291220901997000 z^{26} + 27411244586266800 z^{24}$ $+6707274267426600 z^{22} + 1264648554684396 z^{20}$ $+181136781882840 z^{18} + 19369325478020 z^{16}$ $+1516612166600 z^{14} + 85365568400 z^{12} + 3404401000 z^{10}$ $+94774400 z^8 + 1790600 z^6 + 22295 z^4 + 140 z^2 + 1$	$\left\{ \left[ 35, \frac{\sqrt{70}}{2} \right] \right\}$
		$43046721 z^{64} + 3214155168 z^{62} + 109816968240 z^{60}$ $+2276285097312 z^{58} + 32011654745016 z^{56}$ $+323812125808416 z^{54} + 2439378587422224 z^{52}$ $+13995771630819552 z^{50} + 62106189687870300 z^{48}$ $+215563768906120992 z^{46} + 590272429984373808 z^{44}$ $+1283682176654623200 z^{42} + 2228268817713294216 z^{40}$ $+3098091623399238816 z^{38} + 3457129003443173520 z^{36}$	

$\{[72, 2, 64]\}$	$x^8 + 1$	$+3098185710158837088 z^{34} + 2228284517462833158 z^{32}$ $+1283623436791618272 z^{30} + 590254160117141520 z^{28}$ $+215585091040078368 z^{26} + 62116588224117000 z^{24}$ $+13992406318080864 z^{22} + 2436396285630384 z^{20}$ $+323559785031840 z^{18} + 32305647988188 z^{16}$ $+2393247866976 z^{14} + 130187997072 z^{12} + 5147047584 z^{10}$ $+145620792 z^8 + 2867424 z^6 + 37296 z^4 + 288 z^2 + 1$	$\{[36, 3\sqrt{2}]\}$
$\{[72, 2, 64]\}$	$x^8 + x^4 + 1$	$z^{72} + 180 z^{70} + 864 z^{69} + 15030 z^{68} + 125280 z^{67} + 1052148 z^{66}$ $+8312832 z^{65} + 58096665 z^{64} + 374696960 z^{63}$ $+2226239136 z^{62} + 12131995392 z^{61} + 60638974608 z^{60}$ $+277787314944 z^{59} + 1167323415840 z^{58}$ $+4510458547200 z^{57} + 16070198759028 z^{56}$ $+52951289905152 z^{55} + 161829975268720 z^{54}$ $+459989394860160 z^{53} + 1219006807463016 z^{52}$ $+3018449607212160 z^{51} + 6997147036516080 z^{50}$ $+15210919555190784 z^{49} + 31055404414770180 z^{48}$ $+59626460558177280 z^{47} + 107786843369109216 z^{46}$ $+183637675405948160 z^{45} + 295132591576185840 z^{44}$ $+447787193407766784 z^{43} + 641827088622343008 z^{42}$ $+869570511450854400 z^{41} + 1114136252279150958 z^{40}$ $+1350468715541305344 z^{39} + 1549068913479880440 z^{38}$ $+1681848351455174208 z^{37} + 1728567280840295620 z^{36}$ $+1681848351455174208 z^{35} + 1549068913479880440 z^{34}$ $+1350468715541305344 z^{33} + 1114136252279150958 z^{32}$ $+869570511450854400 z^{31} + 641827088622343008 z^{30}$ $+447787193407766784 z^{29} + 295132591576185840 z^{28}$ $+183637675405948160 z^{27} + 107786843369109216 z^{26}$ $+59626460558177280 z^{25} + 31055404414770180 z^{24}$ $+15210919555190784 z^{23} + 6997147036516080 z^{22}$ $+3018449607212160 z^{21} + 1219006807463016 z^{20}$ $+459989394860160 z^{19} + 161829975268720 z^{18}$	$\{[36, 3\sqrt{2}]\}$

		$+52951289905152 z^{17} + 16070198759028 z^{16}$ $+4510458547200 z^{15} + 1167323415840 z^{14}$ $+277787314944 z^{13} + 60638974608 z^{12} + 12131995392 z^{11}$ $+2226239136 z^{10} + 374696960 z^9 + 58096665 z^8$ $+8312832 z^7 + 1052148 z^6 + 125280 z^5 + 15030 z^4 + 864 z^3$ $+180 z^2 + 1$	
$\{[72, 2, 64]\}$	$x^8 + x^6 + x^2 + 1$	$z^{72} + 180 z^{70} + 22806 z^{68} + 1809012 z^{66} + 105333273 z^{64}$ $+4314873888 z^{62} + 120643649424 z^{60} + 2334717256608 z^{58}$ $+32149470158964 z^{56} + 323673056874736 z^{54}$ $+2437950305068776 z^{52} + 13994192029524336 z^{50}$ $+62111099033371140 z^{48} + 215574053669165664 z^{46}$ $+590264251957360368 z^{44} + 1283653477886732256 z^{42}$ $+2228274581631785838 z^{40} + 3098138282751151224 z^{38}$ $+3457131730561274628 z^{36} + 3098138282751151224 z^{34}$ $+2228274581631785838 z^{32} + 1283653477886732256 z^{30}$ $+590264251957360368 z^{28} + 215574053669165664 z^{26}$ $+62111099033371140 z^{24} + 13994192029524336 z^{22}$ $+2437950305068776 z^{20} + 323673056874736 z^{18}$ $+32149470158964 z^{16} + 2334717256608 z^{14}$ $+120643649424 z^{12} + 4314873888 z^{10} + 105333273 z^8$ $+1809012 z^6 + 22806 z^4 + 180 z^2 + 1$	$\{[36, 3\sqrt{2}]\}$
$\{[72, 2, 64]\}$	$x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$z^{72} + 108 z^{70} + 14742 z^{68} + 1382316 z^{66} + 95329305 z^{64}$ $+4191636960 z^{62} + 119971913616 z^{60} + 2334497903712 z^{58}$ $+32159463726708 z^{56} + 323688044856720 z^{54}$ $+2437877245353192 z^{52} + 13994090090750736 z^{50}$ $+62111440505596932 z^{48} + 215574350874487200 z^{46}$ $+590263239551596272 z^{44} + 1283653075388644896 z^{42}$ $+2228276463139559790 z^{40} + 3098138458157856072 z^{38}$ $+3457129471268333060 z^{36} + 3098138458157856072 z^{34}$ $+2228276463139559790 z^{32} + 1283653075388644896 z^{30}$ $+590263239551596272 z^{28} + 215574350874487200 z^{26}$	$\{[36, 3\sqrt{2}]\}$

		$+62111440505596932 z^{24} + 13994090090750736 z^{22}$ $+2437877245353192 z^{20} + 323688044856720 z^{18}$ $+32159463726708 z^{16} + 2334497903712 z^{14}$ $+119971913616 z^{12} + 4191636960 z^{10} + 95329305 z^8$ $+1382316 z^6 + 14742 z^4 + 108 z^2 + 1$	
$\{[72, 2, 64]\}$	$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{72} + 252 z^{70} + 28854 z^{68} + 1985340 z^{66} + 91509273 z^{64}$ $+134217728 z^{63} + 2983222368 z^{62} + 8455716864 z^{61}$ $+70855853712 z^{60} + 245215789056 z^{59}$ $+1246517364960 z^{58} + 4341809283072 z^{57}$ $+16395560353908 z^{56} + 52510001725440 z^{55}$ $+162294420311632 z^{54} + 459974085967872 z^{53}$ $+1217706764772456 z^{52} + 3021576333164544 z^{51}$ $+6991662044960208 z^{50} + 15216924979888128 z^{49}$ $+31053181440147972 z^{48} + 59621098949443584 z^{47}$ $+107804425418321184 z^{46} + 183611557677105152 z^{45}$ $+295154680716888048 z^{44} + 447781542605881344 z^{43}$ $+641801423468949408 z^{42} + 869623474132353024 z^{41}$ $+1114080161030663022 z^{40} + 1350503815522025472 z^{39}$ $+1549081937178709416 z^{38} + 1681788948524826624 z^{37}$ $+1728641659866691780 z^{36} + 1681788948524826624 z^{35}$ $+1549081937178709416 z^{34} + 1350503815522025472 z^{33}$ $+1114080161030663022 z^{32} + 869623474132353024 z^{31}$ $+641801423468949408 z^{30} + 447781542605881344 z^{29}$ $+295154680716888048 z^{28} + 183611557677105152 z^{27}$ $+107804425418321184 z^{26} + 59621098949443584 z^{25}$ $+31053181440147972 z^{24} + 15216924979888128 z^{23}$ $+6991662044960208 z^{22} + 3021576333164544 z^{21}$ $+1217706764772456 z^{20} + 459974085967872 z^{19}$ $+162294420311632 z^{18} + 52510001725440 z^{17}$ $+16395560353908 z^{16} + 4341809283072 z^{15}$ $+1246517364960 z^{14} + 245215789056 z^{13}$	$\{[36, 3\sqrt{2}]\}$

		$+70855853712 z^{12} + 8455716864 z^{11} + 2983222368 z^{10}$ $+134217728 z^9 + 91509273 z^8 + 1985340 z^6 + 28854 z^4$ $+252 z^2 + 1$	
$\{[72, 2, 64]\}$	$x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{72} + 180 z^{70} + 18918 z^{68} + 1663860 z^{66} + 104856345 z^{64}$ $+4320705312 z^{62} + 120652303632 z^{60} + 2334605478048 z^{58}$ $+32149510568820 z^{56} + 323674098620400 z^{54}$ $+2437948385027496 z^{52} + 13994188548597360 z^{50}$ $+62111114266843908 z^{48} + 215574044071786848 z^{46}$ $+590264215450301808 z^{44} + 1283653559507445984 z^{42}$ $+2228274542671834734 z^{40} + 3098138196093220728 z^{38}$ $+3457131889131002852 z^{36} + 3098138196093220728 z^{34}$ $+2228274542671834734 z^{32} + 1283653559507445984 z^{30}$ $+590264215450301808 z^{28} + 215574044071786848 z^{26}$ $+62111114266843908 z^{24} + 13994188548597360 z^{22}$ $+2437948385027496 z^{20} + 323674098620400 z^{18}$ $+32149510568820 z^{16} + 2334605478048 z^{14}$ $+120652303632 z^{12} + 4320705312 z^{10} + 104856345 z^8$ $+1663860 z^6 + 18918 z^4 + 180 z^2 + 1$	$\{[36, 3\sqrt{2}]\}$
$\{[72, 2, 64]\}$	$x^8 + x^7 + x^5 + x^3 + x + 1$	$z^{72} + 72 z^{70} + 12690 z^{68} + 1310472 z^{66} + 93872601 z^{64}$ $+4185388800 z^{62} + 120016703664 z^{60} + 2334644671104 z^{58}$ $+32158672264116 z^{56} + 323687132988192 z^{54}$ $+2437885304065656 z^{52} + 13994085077721504 z^{50}$ $+62111406976823748 z^{48} + 215574413616273024 z^{46}$ $+590263267595941584 z^{44} + 1283652884026543104 z^{42}$ $+2228276619336781998 z^{40} + 3098138605447524336 z^{38}$ $+3457129129451778284 z^{36} + 3098138605447524336 z^{34}$ $+2228276619336781998 z^{32} + 1283652884026543104 z^{30}$ $+590263267595941584 z^{28} + 215574413616273024 z^{26}$ $+62111406976823748 z^{24} + 13994085077721504 z^{22}$ $+2437885304065656 z^{20} + 323687132988192 z^{18}$ $+32158672264116 z^{16} + 2334644671104 z^{14}$	$\{[36, 3\sqrt{2}]\}$

		$+120016703664 z^{12} + 4185388800 z^{10} + 93872601 z^8$ $+1310472 z^6 + 12690 z^4 + 72 z^2 + 1$	
$\{[75, 2, 67]\}$	$x^8 + x^4 + x^2 + x + 1$	$z^{75} + 150 z^{73} + 10575 z^{71} + 56250 z^{70} + 934250 z^{69} + 7359375 z^{68}$ $+ 68007000 z^{67} + 483243750 z^{66} + 3251160000 z^{65}$ $+ 19109090625 z^{64} + 102046985000 z^{63} + 494665560000 z^{62}$ $+ 2189777700000 z^{61} + 8906842985000 z^{60}$ $+ 33398229337500 z^{59} + 115911513612000 z^{58}$ $+ 373500444575000 z^{57} + 1120485934023000 z^{56}$ $+ 3137378975662500 z^{55} + 8216946000012200 z^{54}$ $+ 20168810071005000 z^{53} + 46476045132420900 z^{52}$ $+ 100698043659345000 z^{51} + 205423943709243768 z^{50}$ $+ 395046321566258400 z^{49} + 716935612102870300 z^{48}$ $+ 1229032395853387800 z^{47} + 1991880579498218400 z^{46}$ $+ 3054216312747841280 z^{45} + 4433540057474117400 z^{44}$ $+ 6096118151227042950 z^{43} + 7943425617206460800 z^{42}$ $+ 9812467442422010100 z^{41} + 11494605119106785640 z^{40}$ $+ 12771782448829541850 z^{39}$ $+ 13462150056881342700 z^{38}$ $+ 13462150056881342700 z^{37}$ $+ 12771782448829541850 z^{36}$ $+ 11494605119106785640 z^{35} + 9812467442422010100 z^{34}$ $+ 7943425617206460800 z^{33} + 6096118151227042950 z^{32}$ $+ 4433540057474117400 z^{31} + 3054216312747841280 z^{30}$ $+ 1991880579498218400 z^{29} + 1229032395853387800 z^{28}$ $+ 716935612102870300 z^{27} + 395046321566258400 z^{26}$ $+ 205423943709243768 z^{25} + 100698043659345000 z^{24}$ $+ 46476045132420900 z^{23} + 20168810071005000 z^{22}$ $+ 8216946000012200 z^{21} + 3137378975662500 z^{20}$ $+ 1120485934023000 z^{19} + 373500444575000 z^{18}$ $+ 115911513612000 z^{17} + 33398229337500 z^{16}$ $+ 8906842985000 z^{15} + 2189777700000 z^{14}$	$\left\{ \left[ \frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$



		$ \begin{aligned} &+494665560000 z^{13} + 102046985000 z^{12} + 19109090625 z^{11} \\ &+ 3251160000 z^{10} + 483243750 z^9 + 68007000 z^8 \\ &+ 7359375 z^7 + 934250 z^6 + 56250 z^5 + 10575 z^4 + 150 z^2 + 1 \end{aligned} $	
$\{[75, 2, 67]\}$	$x^8 + x^7 + x^6 + x^4 + 1$	$ \begin{aligned} &z^{75} + 150 z^{73} + 10575 z^{71} + 56250 z^{70} + 934250 z^{69} + 7359375 z^{68} \\ &+ 68007000 z^{67} + 483243750 z^{66} + 3251160000 z^{65} \\ &+ 19109090625 z^{64} + 102046985000 z^{63} + 494665560000 z^{62} \\ &+ 2189777700000 z^{61} + 8906842985000 z^{60} \\ &+ 33398229337500 z^{59} + 115911513612000 z^{58} \\ &+ 373500444575000 z^{57} + 1120485934023000 z^{56} \\ &+ 3137378975662500 z^{55} + 8216946000012200 z^{54} \\ &+ 20168810071005000 z^{53} + 46476045132420900 z^{52} \\ &+ 100698043659345000 z^{51} + 205423943709243768 z^{50} \\ &+ 395046321566258400 z^{49} + 716935612102870300 z^{48} \\ &+ 1229032395853387800 z^{47} + 1991880579498218400 z^{46} \\ &+ 3054216312747841280 z^{45} + 4433540057474117400 z^{44} \\ &+ 6096118151227042950 z^{43} + 7943425617206460800 z^{42} \\ &+ 9812467442422010100 z^{41} + 11494605119106785640 z^{40} \\ &+ 12771782448829541850 z^{39} \\ &+ 13462150056881342700 z^{38} \\ &+ 13462150056881342700 z^{37} \\ &+ 12771782448829541850 z^{36} \\ &+ 11494605119106785640 z^{35} + 9812467442422010100 z^{34} \\ &+ 7943425617206460800 z^{33} + 6096118151227042950 z^{32} \\ &+ 4433540057474117400 z^{31} + 3054216312747841280 z^{30} \\ &+ 1991880579498218400 z^{29} + 1229032395853387800 z^{28} \\ &+ 716935612102870300 z^{27} + 395046321566258400 z^{26} \\ &+ 205423943709243768 z^{25} + 100698043659345000 z^{24} \\ &+ 46476045132420900 z^{23} + 20168810071005000 z^{22} \\ &+ 8216946000012200 z^{21} + 3137378975662500 z^{20} \\ &+ 1120485934023000 z^{19} + 373500444575000 z^{18} \\ &+ 115911513612000 z^{17} + 33398229337500 z^{16} \end{aligned} $	$ \left\{ \left[ \frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\} $

		$+8906842985000 z^{15} + 2189777700000 z^{14}$ $+494665560000 z^{13} + 102046985000 z^{12} + 19109090625 z^{11}$ $+3251160000 z^{10} + 483243750 z^9 + 68007000 z^8$ $+7359375 z^7 + 934250 z^6 + 56250 z^5 + 10575 z^4 + 150 z^2 + 1$	
$\{[75, 2, 67]\}$	$x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$	$z^{75} + 150 z^{73} + 625 z^{72} + 10575 z^{71} + 88125 z^{70} + 856125 z^{69}$ $+7995375 z^{68} + 65897625 z^{67} + 489107750 z^{66}$ $+3234660000 z^{65} + 19127022825 z^{64} + 102046985000 z^{63}$ $+494583245400 z^{62} + 2190157575000 z^{61}$ $+8906295851880 z^{60} + 33398431462500 z^{59}$ $+115912256721600 z^{58} + 373496359375000 z^{57}$ $+1120492489011300 z^{56} + 3137378591962500 z^{55}$ $+8216935788486700 z^{54} + 20168835629587500 z^{53}$ $+46476010566840900 z^{52} + 100698031734412500 z^{51}$ $+205424025322603128 z^{50} + 395046226273632000 z^{49}$ $+716935670746217300 z^{48} + 1229032494390279000 z^{47}$ $+1991880278735255400 z^{46} + 3054216508654519400 z^{45}$ $+4433540176937563800 z^{44} + 6096117802425510750 z^{43}$ $+7943426095811517600 z^{42} + 9812467299270184500 z^{41}$ $+11494604576529540030 z^{40}$ $+12771783082737571450 z^{39}$ $+13462149849146655150 z^{38}$ $+13462149849146655150 z^{37}$ $+12771783082737571450 z^{36}$ $+11494604576529540030 z^{35} + 9812467299270184500 z^{34}$ $+7943426095811517600 z^{33} + 6096117802425510750 z^{32}$ $+4433540176937563800 z^{31} + 3054216508654519400 z^{30}$ $+1991880278735255400 z^{29} + 1229032494390279000 z^{28}$ $+716935670746217300 z^{27} + 395046226273632000 z^{26}$ $+205424025322603128 z^{25} + 100698031734412500 z^{24}$ $+46476010566840900 z^{23} + 20168835629587500 z^{22}$ $+8216935788486700 z^{21} + 3137378591962500 z^{20}$	$\left\{ \left[ \frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$

		$+1120492489011300 z^{19} + 373496359375000 z^{18}$ $+115912256721600 z^{17} + 33398431462500 z^{16}$ $+8906295851880 z^{15} + 2190157575000 z^{14}$ $+494583245400 z^{13} + 102046985000 z^{12} + 19127022825 z^{11}$ $+3234660000 z^{10} + 489107750 z^9 + 65897625 z^8$ $+7995375 z^7 + 856125 z^6 + 88125 z^5 + 10575 z^4 + 625 z^3$ $+150 z^2 + 1$	
$\{[80, 2, 72]\}$	$x^8 + 1$	$z^{80} + 360 z^{78} + 58380 z^{76} + 5633880 z^{74} + 360250110 z^{72}$ $+16099146008 z^{70} + 517689871020 z^{68}$ $+12185931509160 z^{66} + 212525670402285 z^{64}$ $+2778650188463520 z^{62} + 27611390390188528 z^{60}$ $+211582151716318560 z^{58} + 1267453280280741480 z^{56}$ $+6006143105020608480 z^{54} + 22737088973847472560 z^{52}$ $+69307458307684065056 z^{50}$ $+171172650584094008850 z^{48}$ $+344178819179999050800 z^{46}$ $+565437909237515365800 z^{44}$ $+760884827120766507600 z^{42}$ $+839897388415125888820 z^{40}$ $+760884827120766507600 z^{38}$ $+565437909237515365800 z^{36}$ $+344178819179999050800 z^{34}$ $+171172650584094008850 z^{32}$ $+69307458307684065056 z^{30}$ $+22737088973847472560 z^{28} + 6006143105020608480 z^{26}$ $+1267453280280741480 z^{24} + 211582151716318560 z^{22}$ $+27611390390188528 z^{20} + 2778650188463520 z^{18}$ $+212525670402285 z^{16} + 12185931509160 z^{14}$ $+517689871020 z^{12} + 16099146008 z^{10} + 360250110 z^8$ $+5633880 z^6 + 58380 z^4 + 360 z^2 + 1$	$\{[40, 2\sqrt{5}]\}$
		$z^{80} + 280 z^{78} + 35980 z^{76} + 65536 z^{75} + 2810920 z^{74}$	

$\{[80, 2, 72]\}$

$x^8 + x^6 + x^4 + x^2 + 1$

$+11468800 z^{73} + 149125630 z^{72} + 892272640 z^{71}$   
 $+6759005800 z^{70} + 40856780800 z^{69} + 236009275180 z^{68}$   
 $+1231109488640 z^{67} + 5884633729240 z^{66}$   
 $+25923213066240 z^{65} + 105282730406125 z^{64}$   
 $+396444547153920 z^{63} + 1387634336472160 z^{62}$   
 $+4527790172405760 z^{61} + 13810068930876400 z^{60}$   
 $+39456657504993280 z^{59} + 105814837138084000 z^{58}$   
 $+266839424894238720 z^{57} + 633742134886509160 z^{56}$   
 $+1419584757609791488 z^{55} + 3002972590537860640 z^{54}$   
 $+6005935429211914240 z^{53} + 11368379949388630960 z^{52}$   
 $+20384680506485637120 z^{51}$   
 $+34653939516966286048 z^{50}$   
 $+55893477265052794880 z^{49}$   
 $+85586894961998167570 z^{48}$   
 $+124490011860132167680 z^{47}$   
 $+172089165497289088720 z^{46}$   
 $+226174296455498956800 z^{45}$   
 $+282717833860555297960 z^{44}$   
 $+336205040078526218240 z^{43}$   
 $+380442524116164406960 z^{42}$   
 $+409707346851691888640 z^{41}$   
 $+419950088277870467380 z^{40}$   
 $+409707346851691888640 z^{39}$   
 $+380442524116164406960 z^{38}$   
 $+336205040078526218240 z^{37}$   
 $+282717833860555297960 z^{36}$   
 $+226174296455498956800 z^{35}$   
 $+172089165497289088720 z^{34}$   
 $+124490011860132167680 z^{33}$   
 $+85586894961998167570 z^{32}$   
 $+55893477265052794880 z^{31}$

$\{[40, 2\sqrt{5}]\}$

		$ \begin{aligned} &+34653939516966286048 z^{30} \\ &+20384680506485637120 z^{29} \\ &+11368379949388630960 z^{28} + 6005935429211914240 z^{27} \\ &+3002972590537860640 z^{26} + 1419584757609791488 z^{25} \\ &+633742134886509160 z^{24} + 266839424894238720 z^{23} \\ &+105814837138084000 z^{22} + 39456657504993280 z^{21} \\ &+13810068930876400 z^{20} + 4527790172405760 z^{19} \\ &+1387634336472160 z^{18} + 396444547153920 z^{17} \\ &+105282730406125 z^{16} + 25923213066240 z^{15} \\ &+5884633729240 z^{14} + 1231109488640 z^{13} \\ &+236009275180 z^{12} + 40856780800 z^{11} + 6759005800 z^{10} \\ &+892272640 z^9 + 149125630 z^8 + 11468800 z^7 + 2810920 z^6 \\ &+65536 z^5 + 35980 z^4 + 280 z^2 + 1 \end{aligned} $	
$\{[80, 2, 72]\}$	$x^8 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$ \begin{aligned} &z^{80} + 120 z^{78} + 22220 z^{76} + 2767560 z^{74} + 234969470 z^{72} \\ &+ 12934657544 z^{70} + 470799392620 z^{68} \\ &+ 11781054760760 z^{66} + 210606363952365 z^{64} \\ &+ 2775126810542560 z^{62} + 27619711130491120 z^{60} \\ &+ 211630988394599200 z^{58} + 1267486242037513320 z^{56} \\ &+ 6005937039921467040 z^{54} + 22736758295998158000 z^{52} \\ &+ 69307906836262679136 z^{50} \\ &+ 171173772651420027410 z^{48} \\ &+ 344178283437821778960 z^{46} \\ &+ 565435732375730969640 z^{44} \\ &+ 760885075219330143600 z^{42} \\ &+ 839900081277147428404 z^{40} \\ &+ 760885075219330143600 z^{38} \\ &+ 565435732375730969640 z^{36} \\ &+ 344178283437821778960 z^{34} \\ &+ 171173772651420027410 z^{32} \\ &+ 69307906836262679136 z^{30} \\ &+ 22736758295998158000 z^{28} + 6005937039921467040 z^{26} \end{aligned} $	$\{[40, 2\sqrt{5}]\}$

		$ \begin{aligned} &+1267486242037513320 z^{24}+211630988394599200 z^{22} \\ &+27619711130491120 z^{20}+2775126810542560 z^{18} \\ &+210606363952365 z^{16}+11781054760760 z^{14} \\ &+470799392620 z^{12}+12934657544 z^{10}+234969470 z^8 \\ &+2767560 z^6+22220 z^4+120 z^2+1 \end{aligned} $	
$\{[81, 2, 73]\}$	$ \begin{aligned} &x^8+x^7+x^6+x^5+x^4+x^3+x^2+x \\ &+1 \end{aligned} $	$ \begin{aligned} &z^{81}+324 z^{79}+47790 z^{77}+4246452 z^{75}+253571553 z^{73} \\ &+387420489 z^{72}+10753826976 z^{71}+32543321076 z^{70} \\ &+334071129168 z^{69}+1263765635118 z^{68} \\ &+7740801710496 z^{67}+30117724441092 z^{66} \\ &+135299921414580 z^{65}+493265531510361 z^{64} \\ &+1799094459027888 z^{63}+5894056678130208 z^{62} \\ &+18357264706087944 z^{61}+53270150433050448 z^{60} \\ &+145206419176597104 z^{59}+372824769728621088 z^{58} \\ &+900298920439024740 z^{57}+2053651474378723284 z^{56} \\ &+4422394789244718048 z^{55}+9008602520692466160 z^{54} \\ &+17375297251088170800 z^{53} \\ &+31751475515942111496 z^{52} \\ &+55040219739747143136 z^{51} \\ &+90546877191144404016 z^{50} \\ &+141478949358104558382 z^{49} \\ &+210080450246747322564 z^{48} \\ &+296574596643765326040 z^{47} \\ &+398266730805335964768 z^{46} \\ &+508892319901028495124 z^{45} \\ &+618918559217950502448 z^{44} \\ &+716654645625369508344 z^{43} \\ &+790143411843293415264 z^{42} \\ &+829659982004433568926 z^{41} \\ &+829659982004433568926 z^{40} \\ &+790143411843293415264 z^{39} \\ &+716654645625369508344 z^{38} \end{aligned} $	$ \left\{ \left[ \frac{81}{2}, \frac{9}{2} \right] \right\} $

		$+618918559217950502448 z^{37}$ $+508892319901028495124 z^{36}$ $+398266730805335964768 z^{35}$ $+296574596643765326040 z^{34}$ $+210080450246747322564 z^{33}$ $+141478949358104558382 z^{32}$ $+90546877191144404016 z^{31}$ $+55040219739747143136 z^{30}$ $+31751475515942111496 z^{29}$ $+17375297251088170800 z^{28} + 9008602520692466160 z^{27}$ $+4422394789244718048 z^{26} + 2053651474378723284 z^{25}$ $+900298920439024740 z^{24} + 372824769728621088 z^{23}$ $+145206419176597104 z^{22} + 53270150433050448 z^{21}$ $+18357264706087944 z^{20} + 5894056678130208 z^{19}$ $+1799094459027888 z^{18} + 493265531510361 z^{17}$ $+135299921414580 z^{16} + 30117724441092 z^{15}$ $+7740801710496 z^{14} + 1263765635118 z^{13}$ $+334071129168 z^{12} + 32543321076 z^{11} + 10753826976 z^{10}$ $+387420489 z^9 + 253571553 z^8 + 4246452 z^6 + 47790 z^4$ $+324 z^2 + 1$	
		$z^{84} + 42 z^{82} + 14973 z^{80} + 3171224 z^{78} + 340662042 z^{76}$ $+ 21569935212 z^{74} + 882759792698 z^{72}$ $+ 24794789904600 z^{70} + 498995395146633 z^{68}$ $+ 7429486227788002 z^{66} + 83874992242408605 z^{64}$ $+ 731999920710516192 z^{62} + 5015260363926573208 z^{60}$ $+ 27313879422460849680 z^{58}$ $+ 119444028472836427608 z^{56}$ $+ 422859318848271326560 z^{54}$ $+ 1219983236888352313986 z^{52}$ $+ 2883596741288963192052 z^{50}$ $+ 5606993663883290939610 z^{48}$	

$\{[84, 2, 76]\}$	$x^8 + x^3 + x + 1$	$ \begin{aligned} &+8996712450782349721680 z^{46} \\ &+11937945366999436575420 z^{44} \\ &+13116488173826468899080 z^{42} \\ &+11937945366999436575420 z^{40} \\ &+8996712450782349721680 z^{38} \\ &+5606993663883290939610 z^{36} \\ &+2883596741288963192052 z^{34} \\ &+1219983236888352313986 z^{32} \\ &+422859318848271326560 z^{30} \\ &+119444028472836427608 z^{28} \\ &+27313879422460849680 z^{26} + 5015260363926573208 z^{24} \\ &+731999920710516192 z^{22} + 83874992242408605 z^{20} \\ &+7429486227788002 z^{18} + 498995395146633 z^{16} \\ &+24794789904600 z^{14} + 882759792698 z^{12} \\ &+21569935212 z^{10} + 340662042 z^8 + 3171224 z^6 + 14973 z^4 \\ &+42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 252 z^{82} + 1372 z^{81} + 29526 z^{80} + 279888 z^{79} + 2840418 z^{78} \\ &+ 26218920 z^{77} + 216674913 z^{76} + 1656707052 z^{75} \\ &+ 11658865764 z^{74} + 75486923148 z^{73} + 449702847321 z^{72} \\ &+ 2463979970088 z^{71} + 12432084391314 z^{70} \\ &+ 57892545445392 z^{69} + 249479316277002 z^{68} \\ &+ 997773302333052 z^{67} + 3714137406778092 z^{66} \\ &+ 12902832069525552 z^{65} + 41936650284385857 z^{64} \\ &+ 127810391204166528 z^{63} + 366004686293599080 z^{62} \\ &+ 986617638675203808 z^{61} + 2507639055098640372 z^{60} \\ &+ 6018310387481434224 z^{59} + 13656914796209662320 z^{58} \\ &+ 29337082305568716336 z^{57} \\ &+ 59721971158443851460 z^{56} \\ &+ 115325279012869859808 z^{55} \\ &+ 211429758356301146760 z^{54} \\ &+ 368296987429718409216 z^{53} \end{aligned} $	



$\{[84, 2, 76]\}$

$x^8 + x^4 + 1$

$+609991734198276230934 z^{52}$   
 $+961198849552740100848 z^{51}$   
 $+1441798087871731251480 z^{50}$   
 $+2059711601719437576456 z^{49}$   
 $+2803496668976967270216 z^{48}$   
 $+3636969086759333803296 z^{47}$   
 $+4498356763206819177756 z^{46}$   
 $+5305753998635006438256 z^{45}$   
 $+5968972765702264743054 z^{44}$   
 $+6405726346607477741544 z^{43}$   
 $+6558243420619004381784 z^{42}$   
 $+6405726346607477741544 z^{41}$   
 $+5968972765702264743054 z^{40}$   
 $+5305753998635006438256 z^{39}$   
 $+4498356763206819177756 z^{38}$   
 $+3636969086759333803296 z^{37}$   
 $+2803496668976967270216 z^{36}$   
 $+2059711601719437576456 z^{35}$   
 $+1441798087871731251480 z^{34}$   
 $+961198849552740100848 z^{33}$   
 $+609991734198276230934 z^{32}$   
 $+368296987429718409216 z^{31}$   
 $+211429758356301146760 z^{30}$   
 $+115325279012869859808 z^{29}$   
 $+59721971158443851460 z^{28}$   
 $+29337082305568716336 z^{27}$   
 $+13656914796209662320 z^{26} + 6018310387481434224 z^{25}$   
 $+2507639055098640372 z^{24} + 986617638675203808 z^{23}$   
 $+366004686293599080 z^{22} + 127810391204166528 z^{21}$   
 $+41936650284385857 z^{20} + 12902832069525552 z^{19}$   
 $+3714137406778092 z^{18} + 997773302333052 z^{17}$

$\{[42, \sqrt{21}]\}$

		$+249479316277002 z^{16} + 57892545445392 z^{15}$ $+12432084391314 z^{14} + 2463979970088 z^{13}$ $+449702847321 z^{12} + 75486923148 z^{11} + 11658865764 z^{10}$ $+1656707052 z^9 + 216674913 z^8 + 26218920 z^7 + 2840418 z^6$ $+279888 z^5 + 29526 z^4 + 1372 z^3 + 252 z^2 + 1$	
$\{[84, 2, 76]\}$	$x^8 + x^4 + x^2 + 1$	$z^{84} + 210 z^{82} + 38829 z^{80} + 4232984 z^{78} + 360685290 z^{76}$ $+ 21726095580 z^{74} + 882802996362 z^{72}$ $+ 24790184293464 z^{70} + 498989096549433 z^{68}$ $+ 7429559977541226 z^{66} + 83875037092558173 z^{64}$ $+ 731999186343163872 z^{62} + 5015260758177043416 z^{60}$ $+ 27313883272406589264 z^{58}$ $+ 119444022418147163544 z^{56}$ $+ 422859311027216217952 z^{54}$ $+ 1219983263266332696642 z^{52}$ $+ 2883596735087854317252 z^{50}$ $+ 5606993615149458347130 z^{48}$ $+ 8996712503183154742608 z^{46}$ $+ 11937945394977112775964 z^{44}$ $+ 13116488090699427320744 z^{42}$ $+ 11937945394977112775964 z^{40}$ $+ 8996712503183154742608 z^{38}$ $+ 5606993615149458347130 z^{36}$ $+ 2883596735087854317252 z^{34}$ $+ 1219983263266332696642 z^{32}$ $+ 422859311027216217952 z^{30}$ $+ 119444022418147163544 z^{28}$ $+ 27313883272406589264 z^{26} + 5015260758177043416 z^{24}$ $+ 731999186343163872 z^{22} + 83875037092558173 z^{20}$ $+ 7429559977541226 z^{18} + 498989096549433 z^{16}$ $+ 24790184293464 z^{14} + 882802996362 z^{12}$ $+ 21726095580 z^{10} + 360685290 z^8 + 4232984 z^6 + 38829 z^4$	$\{[42, \sqrt{21}]\}$

		$+210 z^2 + 1$	
$\{[84, 2, 76]\}$	$x^8 + x^4 + x^3 + x^2 + x + 1$	$z^{84} + 15981 z^{80} + 3165792 z^{78} + 340647594 z^{76}$ $+ 21570099264 z^{74} + 882760576586 z^{72}$ $+ 24794775365472 z^{70} + 498995476645113 z^{68}$ $+ 7429485996201472 z^{66} + 83874992420336733 z^{64}$ $+ 731999922092229504 z^{62} + 5015260356831413976 z^{60}$ $+ 27313879441367947008 z^{58}$ $+ 119444028440185719960 z^{56}$ $+ 422859318881701378432 z^{54}$ $+ 1219983236888306756418 z^{52}$ $+ 2883596741209435249152 z^{50}$ $+ 5606993664077162109690 z^{48}$ $+ 8996712450471574113600 z^{46}$ $+ 11937945367394852446620 z^{44}$ $+ 13116488173400618582400 z^{42}$ $+ 11937945367394852446620 z^{40}$ $+ 8996712450471574113600 z^{38}$ $+ 5606993664077162109690 z^{36}$ $+ 2883596741209435249152 z^{34}$ $+ 1219983236888306756418 z^{32}$ $+ 422859318881701378432 z^{30}$ $+ 119444028440185719960 z^{28}$ $+ 27313879441367947008 z^{26} + 5015260356831413976 z^{24}$ $+ 731999922092229504 z^{22} + 83874992420336733 z^{20}$ $+ 7429485996201472 z^{18} + 498995476645113 z^{16}$ $+ 24794775365472 z^{14} + 882760576586 z^{12}$ $+ 21570099264 z^{10} + 340647594 z^8 + 3165792 z^6 + 15981 z^4$ $+ 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 42 z^{82} + 16653 z^{80} + 3165624 z^{78} + 340499082 z^{76}$ $+ 21571509036 z^{74} + 882755326250 z^{72}$ $+ 24794780175864 z^{70} + 498995489295513 z^{68}$	

$\{[84, 2, 76]\}$	$x^8 + x^5 + x^4 + x^3 + x + 1$	$ \begin{aligned} &+7429486137309922 z^{66} + 83874990731737821 z^{64} \\ &+731999930234102880 z^{62} + 5015260332409995864 z^{60} \\ &+27313879491669780240 z^{58} \\ &+119444028367808746008 z^{56} \\ &+422859318954081449440 z^{54} \\ &+1219983236825017315266 z^{52} \\ &+2883596741330066529012 z^{50} \\ &+5606993663733771527610 z^{48} \\ &+8996712451210064382480 z^{46} \\ &+11937945366250744766940 z^{44} \\ &+13116488174718968156040 z^{42} \\ &+11937945366250744766940 z^{40} \\ &+8996712451210064382480 z^{38} \\ &+5606993663733771527610 z^{36} \\ &+2883596741330066529012 z^{34} \\ &+1219983236825017315266 z^{32} \\ &+422859318954081449440 z^{30} \\ &+119444028367808746008 z^{28} \\ &+27313879491669780240 z^{26} + 5015260332409995864 z^{24} \\ &+731999930234102880 z^{22} + 83874990731737821 z^{20} \\ &+7429486137309922 z^{18} + 498995489295513 z^{16} \\ &+24794780175864 z^{14} + 882755326250 z^{12} \\ &+21571509036 z^{10} + 340499082 z^8 + 3165624 z^6 + 16653 z^4 \\ &+42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 210 z^{82} + 38829 z^{80} + 4232984 z^{78} + 360685290 z^{76} \\ &+ 21726095580 z^{74} + 882802996362 z^{72} \\ &+ 24790184293464 z^{70} + 498989096549433 z^{68} \\ &+ 7429559977541226 z^{66} + 83875037092558173 z^{64} \\ &+ 731999186343163872 z^{62} + 5015260758177043416 z^{60} \\ &+ 27313883272406589264 z^{58} \\ &+ 119444022418147163544 z^{56} \end{aligned} $	

{[84, 2, 76]}	$x^8+x^6+x^4+1$	$ \begin{aligned} &+422859311027216217952 z^{54} \\ &+1219983263266332696642 z^{52} \\ &+2883596735087854317252 z^{50} \\ &+5606993615149458347130 z^{48} \\ &+8996712503183154742608 z^{46} \\ &+11937945394977112775964 z^{44} \\ &+13116488090699427320744 z^{42} \\ &+11937945394977112775964 z^{40} \\ &+8996712503183154742608 z^{38} \\ &+5606993615149458347130 z^{36} \\ &+2883596735087854317252 z^{34} \\ &+1219983263266332696642 z^{32} \\ &+422859311027216217952 z^{30} \\ &+119444022418147163544 z^{28} \\ &+27313883272406589264 z^{26}+5015260758177043416 z^{24} \\ &+731999186343163872 z^{22}+83875037092558173 z^{20} \\ &+7429559977541226 z^{18}+498989096549433 z^{16} \\ &+24790184293464 z^{14}+882802996362 z^{12} \\ &+21726095580 z^{10}+360685290 z^8+4232984 z^6+38829 z^4 \\ &+210 z^2+1 \end{aligned} $	{[42, $\sqrt{21}$ ]}
		$ \begin{aligned} &21609 z^{80}+4062492 z^{78}+383574156 z^{76}+22446807684 z^{74} \\ &+891256614598 z^{72}+24829353975300 z^{70} \\ &+498972963128892 z^{68}+7428891383454044 z^{66} \\ &+83874169833393933 z^{64}+732004504604565360 z^{62} \\ &+5015269351574112624 z^{60}+27313855065378829584 z^{58} \\ &+119443983953757003144 z^{56} \\ &+422859418075494602832 z^{54} \\ &+1219983356391779845488 z^{52} \\ &+2883596452847403785520 z^{50} \\ &+5606993500066252624834 z^{48} \\ &+8996712999875931822408 z^{46} \end{aligned} $	

$\{[84, 2, 76]\}$	$x^8 + x^6 + x^2 + 1$	$ \begin{aligned} &+11937945437757596611368 z^{44} \\ &+13116487505053818534264 z^{42} \\ &+11937945464349953664420 z^{40} \\ &+8996712976408716189624 z^{38} \\ &+5606993500310731272968 z^{36} \\ &+2883596466393533320584 z^{34} \\ &+1219983347292887570610 z^{32} \\ &+422859418126664348592 z^{30} \\ &+119443986797169603120 z^{28} \\ &+27313853823447859920 z^{26} + 5015269206724680456 z^{24} \\ &+732004764418197648 z^{22} + 83874122806779312 z^{20} \\ &+7428872590006000 z^{18} + 498979939401237 z^{16} \\ &+24829776532092 z^{14} + 890916481196 z^{12} \\ &+22434158628 z^{10} + 391095558 z^8 + 4842852 z^6 + 43932 z^4 \\ &+252 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 126 z^{82} + 448 z^{81} + 12957 z^{80} + 135744 z^{79} + 1633800 z^{78} \\ &+ 17846976 z^{77} + 170035194 z^{76} + 1436834112 z^{75} \\ &+ 10782856644 z^{74} + 72546444096 z^{73} + 441389255706 z^{72} \\ &+ 2444649670848 z^{71} + 12397447353288 z^{70} \\ &+ 57854355166272 z^{69} + 249497360175273 z^{68} \\ &+ 997989906669504 z^{67} + 3714743157261990 z^{66} \\ &+ 12903849504489216 z^{65} + 41937500141767965 z^{64} \\ &+ 127809504354504960 z^{63} + 365999950469100192 z^{62} \\ &+ 986608575697097472 z^{61} + 2507630168657863704 z^{60} \\ &+ 6018312509281148160 z^{59} + 13656939832228027440 z^{58} \\ &+ 29337129650897623296 z^{57} \\ &+ 59722013959483266264 z^{56} \\ &+ 115325268789444204288 z^{55} \\ &+ 211429659632588547360 z^{54} \\ &+ 368296826600143478016 z^{53} \\ &+ 609991618847207006466 z^{52} \end{aligned} $	

$\{[84, 2, 76]\}$  $x^8 + x^6 + x^3 + x + 1$ 
$$\begin{aligned} &+961198913129250534144 z^{51} \\ &+1441798369348059654876 z^{50} \\ &+2059711958397640699008 z^{49} \\ &+2803496833332735540378 z^{48} \\ &+3636968863807796243328 z^{47} \\ &+4498356225564872255088 z^{46} \\ &+5305753495190822771328 z^{45} \\ &+5968972680892633875708 z^{44} \\ &+6405726783110835293568 z^{43} \\ &+6558244090718390728728 z^{42} \\ &+6405726783110835293568 z^{41} \\ &+5968972680892633875708 z^{40} \\ &+5305753495190822771328 z^{39} \\ &+4498356225564872255088 z^{38} \\ &+3636968863807796243328 z^{37} \\ &+2803496833332735540378 z^{36} \\ &+2059711958397640699008 z^{35} \\ &+1441798369348059654876 z^{34} \\ &+961198913129250534144 z^{33} \\ &+609991618847207006466 z^{32} \\ &+368296826600143478016 z^{31} \\ &+211429659632588547360 z^{30} \\ &+115325268789444204288 z^{29} \\ &+59722013959483266264 z^{28} \\ &+29337129650897623296 z^{27} \\ &+13656939832228027440 z^{26} + 6018312509281148160 z^{25} \\ &+2507630168657863704 z^{24} + 986608575697097472 z^{23} \\ &+365999950469100192 z^{22} + 127809504354504960 z^{21} \\ &+41937500141767965 z^{20} + 12903849504489216 z^{19} \\ &+3714743157261990 z^{18} + 997989906669504 z^{17} \\ &+249497360175273 z^{16} + 57854355166272 z^{15} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+12397447353288 z^{14} + 2444649670848 z^{13}$ $+441389255706 z^{12} + 72546444096 z^{11} + 10782856644 z^{10}$ $+1436834112 z^9 + 170035194 z^8 + 17846976 z^7 + 1633800 z^6$ $+135744 z^5 + 12957 z^4 + 448 z^3 + 126 z^2 + 1$	
$\{[84, 2, 76]\}$	$x^8 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{84} + 126 z^{82} + 23709 z^{80} + 2859528 z^{78} + 8945664 z^{77}$ $+ 224558586 z^{76} + 1149861888 z^{75} + 12090944964 z^{74}$ $+ 67364290560 z^{73} + 459239485978 z^{72}$ $+ 2391369351168 z^{71} + 12533950293960 z^{70}$ $+ 57560591499264 z^{69} + 250001830693545 z^{68}$ $+ 997401442910208 z^{67} + 3714799293712038 z^{66}$ $+ 12905747852820480 z^{65} + 41931617615607069 z^{64}$ $+ 127820437340815360 z^{63} + 365987251343917728 z^{62}$ $+ 986611745438957568 z^{61} + 2507655047779777560 z^{60}$ $+ 6018245098217275392 z^{59} + 13657037958938311728 z^{58}$ $+ 29337058844499116032 z^{57}$ $+ 59721962516029148376 z^{56}$ $+ 115325514424235458560 z^{55}$ $+ 211429264212084176160 z^{54}$ $+ 368297156210013241344 z^{53}$ $+ 609991668306327742722 z^{52}$ $+ 961198293565940957184 z^{51}$ $+ 1441799386976492169948 z^{50}$ $+ 2059711117068998541312 z^{49}$ $+ 2803496821967120656538 z^{48}$ $+ 3636969996143984640000 z^{47}$ $+ 4498354452493073317488 z^{46}$ $+ 5305754858331752824832 z^{45}$ $+ 5968972674723611105532 z^{44}$ $+ 6405725296438379347968 z^{43}$ $+ 6558246221203064703000 z^{42}$ $+ 6405725296438379347968 z^{41}$	$\{[42, \sqrt{21}]\}$



		$+5968972674723611105532 z^{40}$ $+5305754858331752824832 z^{39}$ $+4498354452493073317488 z^{38}$ $+3636969996143984640000 z^{37}$ $+2803496821967120656538 z^{36}$ $+2059711117068998541312 z^{35}$ $+1441799386976492169948 z^{34}$ $+961198293565940957184 z^{33}$ $+609991668306327742722 z^{32}$ $+368297156210013241344 z^{31}$ $+211429264212084176160 z^{30}$ $+115325514424235458560 z^{29}$ $+59721962516029148376 z^{28}$ $+29337058844499116032 z^{27}$ $+13657037958938311728 z^{26} + 6018245098217275392 z^{25}$ $+2507655047779777560 z^{24} + 986611745438957568 z^{23}$ $+365987251343917728 z^{22} + 127820437340815360 z^{21}$ $+41931617615607069 z^{20} + 12905747852820480 z^{19}$ $+3714799293712038 z^{18} + 997401442910208 z^{17}$ $+250001830693545 z^{16} + 57560591499264 z^{15}$ $+12533950293960 z^{14} + 2391369351168 z^{13}$ $+459239485978 z^{12} + 67364290560 z^{11} + 12090944964 z^{10}$ $+1149861888 z^9 + 224558586 z^8 + 8945664 z^7 + 2859528 z^6$ $+23709 z^4 + 126 z^2 + 1$	
		$z^{84} + 15981 z^{80} + 3165792 z^{78} + 340647594 z^{76}$ $+ 21570099264 z^{74} + 882760576586 z^{72}$ $+ 24794775365472 z^{70} + 498995476645113 z^{68}$ $+ 7429485996201472 z^{66} + 83874992420336733 z^{64}$ $+ 731999922092229504 z^{62} + 5015260356831413976 z^{60}$ $+ 27313879441367947008 z^{58}$ $+ 119444028440185719960 z^{56}$	

$\{[84, 2, 76]\}$	$x^8 + x^7 + x^6 + x^5 + x^4 + 1$	$ \begin{aligned} &+422859318881701378432 z^{54} \\ &+1219983236888306756418 z^{52} \\ &+2883596741209435249152 z^{50} \\ &+5606993664077162109690 z^{48} \\ &+8996712450471574113600 z^{46} \\ &+11937945367394852446620 z^{44} \\ &+13116488173400618582400 z^{42} \\ &+11937945367394852446620 z^{40} \\ &+8996712450471574113600 z^{38} \\ &+5606993664077162109690 z^{36} \\ &+2883596741209435249152 z^{34} \\ &+1219983236888306756418 z^{32} \\ &+422859318881701378432 z^{30} \\ &+119444028440185719960 z^{28} \\ &+27313879441367947008 z^{26} + 5015260356831413976 z^{24} \\ &+731999922092229504 z^{22} + 83874992420336733 z^{20} \\ &+7429485996201472 z^{18} + 498995476645113 z^{16} \\ &+24794775365472 z^{14} + 882760576586 z^{12} \\ &+21570099264 z^{10} + 340647594 z^8 + 3165792 z^6 + 15981 z^4 \\ &+1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 42 z^{82} + 672 z^{81} + 9933 z^{80} + 133728 z^{79} + 1628984 z^{78} \\ &+ 17733408 z^{77} + 170172618 z^{76} + 1437465568 z^{75} \\ &+ 10782914604 z^{74} + 72550320864 z^{73} + 441387041130 z^{72} \\ &+ 2444610715680 z^{71} + 12397446111096 z^{70} \\ &+ 57854416319840 z^{69} + 249497372330073 z^{68} \\ &+ 997990394683296 z^{67} + 3714743327421154 z^{66} \\ &+ 12903846684634752 z^{65} + 41937499347247581 z^{64} \\ &+ 127809509996479872 z^{63} + 365999949521896032 z^{62} \\ &+ 986608577272821888 z^{61} + 2507630184958094168 z^{60} \\ &+ 6018312474401985408 z^{59} + 13656939777780863760 z^{58} \\ &+ 29337129735845203328 z^{57} \end{aligned} $	

$\{[84, 2, 76]\}$  $x^8+x^7+x^6+x^4+x^3+x+1$ 
$$\begin{aligned} &+59722014034246874904 z^{56} \\ &+115325268699341033088 z^{55} \\ &+211429659680477015008 z^{54} \\ &+368296826589497452416 z^{53} \\ &+609991618436482685634 z^{52} \\ &+961198913291803704448 z^{51} \\ &+1441798370179392283380 z^{50} \\ &+2059711958197405586112 z^{49} \\ &+2803496832521935286842 z^{48} \\ &+3636968863863377163072 z^{47} \\ &+4498356225583530104592 z^{46} \\ &+5305753495293754589632 z^{45} \\ &+5968972682023879056732 z^{44} \\ &+6405726783035772827712 z^{43} \\ &+6558244089033083633032 z^{42} \\ &+6405726783035772827712 z^{41} \\ &+5968972682023879056732 z^{40} \\ &+5305753495293754589632 z^{39} \\ &+4498356225583530104592 z^{38} \\ &+3636968863863377163072 z^{37} \\ &+2803496832521935286842 z^{36} \\ &+2059711958197405586112 z^{35} \\ &+1441798370179392283380 z^{34} \\ &+961198913291803704448 z^{33} \\ &+609991618436482685634 z^{32} \\ &+368296826589497452416 z^{31} \\ &+211429659680477015008 z^{30} \\ &+115325268699341033088 z^{29} \\ &+59722014034246874904 z^{28} \\ &+29337129735845203328 z^{27} \\ &+1365693977780863760 z^{26}+6018312474401985408 z^{25} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+2507630184958094168 z^{24} + 986608577272821888 z^{23}$ $+365999949521896032 z^{22} + 127809509996479872 z^{21}$ $+41937499347247581 z^{20} + 12903846684634752 z^{19}$ $+3714743327421154 z^{18} + 997990394683296 z^{17}$ $+249497372330073 z^{16} + 57854416319840 z^{15}$ $+12397446111096 z^{14} + 2444610715680 z^{13}$ $+441387041130 z^{12} + 72550320864 z^{11} + 10782914604 z^{10}$ $+1437465568 z^9 + 170172618 z^8 + 17733408 z^7 + 1628984 z^6$ $+133728 z^5 + 9933 z^4 + 672 z^3 + 42 z^2 + 1$	
$\{[84, 2, 76]\}$	$x^8 + x^7 + x^6 + x^2 + x + 1$	$z^{84} + 252 z^{82} + 36729 z^{80} + 4429880 z^{78} + 387004254 z^{76}$ $+ 22443777720 z^{74} + 891081987614 z^{72}$ $+ 24829490400120 z^{70} + 498976952396517 z^{68}$ $+ 7428880713219532 z^{66} + 83874146043628941 z^{64}$ $+ 732004647137723232 z^{62} + 5015269235540612776 z^{60}$ $+ 27313854515537388960 z^{58}$ $+ 119443985365083202344 z^{56}$ $+ 422859417853918019296 z^{54}$ $+ 1219983352517163050418 z^{52}$ $+ 2883596458655768574264 z^{50}$ $+ 5606993500855158135906 z^{48}$ $+ 8996712988491911928336 z^{46}$ $+ 11937945449491170799284 z^{44}$ $+ 13116487507163310786384 z^{42}$ $+ 11937945449491170799284 z^{40}$ $+ 8996712988491911928336 z^{38}$ $+ 5606993500855158135906 z^{36}$ $+ 2883596458655768574264 z^{34}$ $+ 1219983352517163050418 z^{32}$ $+ 422859417853918019296 z^{30}$ $+ 119443985365083202344 z^{28}$ $+ 27313854515537388960 z^{26} + 5015269235540612776 z^{24}$	$\{[42, \sqrt{21}]\}$

		$+732004647137723232 z^{22} + 83874146043628941 z^{20}$ $+7428880713219532 z^{18} + 498976952396517 z^{16}$ $+24829490400120 z^{14} + 891081987614 z^{12}$ $+22443777720 z^{10} + 387004254 z^8 + 4429880 z^6 + 36729 z^4$ $+252 z^2 + 1$	
$\{[84, 2, 76]\}$	$x^8 + x^7 + x^5 + x^4 + x^2 + x + 1$	$z^{84} + 42 z^{82} + 672 z^{81} + 9933 z^{80} + 133728 z^{79} + 1628984 z^{78}$ $+ 17733408 z^{77} + 170172618 z^{76} + 1437465568 z^{75}$ $+ 10782914604 z^{74} + 72550320864 z^{73} + 441387041130 z^{72}$ $+ 2444610715680 z^{71} + 12397446111096 z^{70}$ $+ 57854416319840 z^{69} + 249497372330073 z^{68}$ $+ 997990394683296 z^{67} + 3714743327421154 z^{66}$ $+ 12903846684634752 z^{65} + 41937499347247581 z^{64}$ $+ 127809509996479872 z^{63} + 365999949521896032 z^{62}$ $+ 986608577272821888 z^{61} + 2507630184958094168 z^{60}$ $+ 6018312474401985408 z^{59} + 13656939777780863760 z^{58}$ $+ 29337129735845203328 z^{57}$ $+ 59722014034246874904 z^{56}$ $+ 115325268699341033088 z^{55}$ $+ 211429659680477015008 z^{54}$ $+ 368296826589497452416 z^{53}$ $+ 609991618436482685634 z^{52}$ $+ 961198913291803704448 z^{51}$ $+ 1441798370179392283380 z^{50}$ $+ 2059711958197405586112 z^{49}$ $+ 2803496832521935286842 z^{48}$ $+ 3636968863863377163072 z^{47}$ $+ 4498356225583530104592 z^{46}$ $+ 5305753495293754589632 z^{45}$ $+ 5968972682023879056732 z^{44}$ $+ 6405726783035772827712 z^{43}$ $+ 6558244089033083633032 z^{42}$	$\{[42, \sqrt{21}]\}$

		$+6405726783035772827712 z^{41}$ $+5968972682023879056732 z^{40}$ $+5305753495293754589632 z^{39}$ $+4498356225583530104592 z^{38}$ $+3636968863863377163072 z^{37}$ $+2803496832521935286842 z^{36}$ $+2059711958197405586112 z^{35}$ $+1441798370179392283380 z^{34}$ $+961198913291803704448 z^{33}$ $+609991618436482685634 z^{32}$ $+368296826589497452416 z^{31}$ $+211429659680477015008 z^{30}$ $+115325268699341033088 z^{29}$ $+59722014034246874904 z^{28}$ $+29337129735845203328 z^{27}$ $+1365693977780863760 z^{26} + 6018312474401985408 z^{25}$ $+2507630184958094168 z^{24} + 986608577272821888 z^{23}$ $+365999949521896032 z^{22} + 127809509996479872 z^{21}$ $+41937499347247581 z^{20} + 12903846684634752 z^{19}$ $+3714743327421154 z^{18} + 997990394683296 z^{17}$ $+249497372330073 z^{16} + 57854416319840 z^{15}$ $+12397446111096 z^{14} + 2444610715680 z^{13}$ $+441387041130 z^{12} + 72550320864 z^{11} + 10782914604 z^{10}$ $+1437465568 z^9 + 170172618 z^8 + 17733408 z^7 + 1628984 z^6$ $+133728 z^5 + 9933 z^4 + 672 z^3 + 42 z^2 + 1$	
		$z^{84} + 42 z^{82} + 16653 z^{80} + 3165624 z^{78} + 340499082 z^{76}$ $+ 21571509036 z^{74} + 882755326250 z^{72}$ $+ 24794780175864 z^{70} + 498995489295513 z^{68}$ $+ 7429486137309922 z^{66} + 83874990731737821 z^{64}$ $+ 731999930234102880 z^{62} + 5015260332409995864 z^{60}$ $+ 27313879491669780240 z^{58}$	

$\{[84, 2, 76]\}$	$x^8 + x^7 + x^5 + x^4 + x^3 + 1$	$+119444028367808746008 z^{56}$ $+422859318954081449440 z^{54}$ $+1219983236825017315266 z^{52}$ $+2883596741330066529012 z^{50}$ $+5606993663733771527610 z^{48}$ $+8996712451210064382480 z^{46}$ $+11937945366250744766940 z^{44}$ $+13116488174718968156040 z^{42}$ $+11937945366250744766940 z^{40}$ $+8996712451210064382480 z^{38}$ $+5606993663733771527610 z^{36}$ $+2883596741330066529012 z^{34}$ $+1219983236825017315266 z^{32}$ $+422859318954081449440 z^{30}$ $+119444028367808746008 z^{28}$ $+27313879491669780240 z^{26} + 5015260332409995864 z^{24}$ $+731999930234102880 z^{22} + 83874990731737821 z^{20}$ $+7429486137309922 z^{18} + 498995489295513 z^{16}$ $+24794780175864 z^{14} + 882755326250 z^{12}$ $+21571509036 z^{10} + 340499082 z^8 + 3165624 z^6 + 16653 z^4$ $+42 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 42 z^{82} + 14973 z^{80} + 3171224 z^{78} + 340662042 z^{76}$ $+21569935212 z^{74} + 882759792698 z^{72}$ $+24794789904600 z^{70} + 498995395146633 z^{68}$ $+7429486227788002 z^{66} + 83874992242408605 z^{64}$ $+731999920710516192 z^{62} + 5015260363926573208 z^{60}$ $+27313879422460849680 z^{58}$ $+119444028472836427608 z^{56}$ $+422859318848271326560 z^{54}$ $+1219983236888352313986 z^{52}$ $+2883596741288963192052 z^{50}$	

$\{[84, 2, 76]\}$	$x^8 + x^7 + x^5 + 1$	$ \begin{aligned} &+5606993663883290939610 z^{48} \\ &+8996712450782349721680 z^{46} \\ &+11937945366999436575420 z^{44} \\ &+13116488173826468899080 z^{42} \\ &+11937945366999436575420 z^{40} \\ &+8996712450782349721680 z^{38} \\ &+5606993663883290939610 z^{36} \\ &+2883596741288963192052 z^{34} \\ &+1219983236888352313986 z^{32} \\ &+422859318848271326560 z^{30} \\ &+119444028472836427608 z^{28} \\ &+27313879422460849680 z^{26} + 5015260363926573208 z^{24} \\ &+731999920710516192 z^{22} + 83874992242408605 z^{20} \\ &+7429486227788002 z^{18} + 498995395146633 z^{16} \\ &+24794789904600 z^{14} + 882759792698 z^{12} \\ &+21569935212 z^{10} + 340662042 z^8 + 3171224 z^6 + 14973 z^4 \\ &+42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 126 z^{82} + 448 z^{81} + 12957 z^{80} + 135744 z^{79} + 1633800 z^{78} \\ &+ 17846976 z^{77} + 170035194 z^{76} + 1436834112 z^{75} \\ &+ 10782856644 z^{74} + 72546444096 z^{73} + 441389255706 z^{72} \\ &+ 2444649670848 z^{71} + 12397447353288 z^{70} \\ &+ 57854355166272 z^{69} + 249497360175273 z^{68} \\ &+ 997989906669504 z^{67} + 3714743157261990 z^{66} \\ &+ 12903849504489216 z^{65} + 41937500141767965 z^{64} \\ &+ 127809504354504960 z^{63} + 365999950469100192 z^{62} \\ &+ 986608575697097472 z^{61} + 2507630168657863704 z^{60} \\ &+ 6018312509281148160 z^{59} + 13656939832228027440 z^{58} \\ &+ 29337129650897623296 z^{57} \\ &+ 59722013959483266264 z^{56} \\ &+ 115325268789444204288 z^{55} \\ &+ 211429659632588547360 z^{54} \end{aligned} $	



$\{[84, 2, 76]\}$

$x^8 + x^7 + x^5 + x^2 + 1$

$+368296826600143478016 z^{53}$   
 $+609991618847207006466 z^{52}$   
 $+961198913129250534144 z^{51}$   
 $+1441798369348059654876 z^{50}$   
 $+2059711958397640699008 z^{49}$   
 $+2803496833332735540378 z^{48}$   
 $+3636968863807796243328 z^{47}$   
 $+4498356225564872255088 z^{46}$   
 $+5305753495190822771328 z^{45}$   
 $+5968972680892633875708 z^{44}$   
 $+6405726783110835293568 z^{43}$   
 $+6558244090718390728728 z^{42}$   
 $+6405726783110835293568 z^{41}$   
 $+5968972680892633875708 z^{40}$   
 $+5305753495190822771328 z^{39}$   
 $+4498356225564872255088 z^{38}$   
 $+3636968863807796243328 z^{37}$   
 $+2803496833332735540378 z^{36}$   
 $+2059711958397640699008 z^{35}$   
 $+1441798369348059654876 z^{34}$   
 $+961198913129250534144 z^{33}$   
 $+609991618847207006466 z^{32}$   
 $+368296826600143478016 z^{31}$   
 $+211429659632588547360 z^{30}$   
 $+115325268789444204288 z^{29}$   
 $+59722013959483266264 z^{28}$   
 $+29337129650897623296 z^{27}$   
 $+13656939832228027440 z^{26} + 6018312509281148160 z^{25}$   
 $+2507630168657863704 z^{24} + 986608575697097472 z^{23}$   
 $+365999950469100192 z^{22} + 127809504354504960 z^{21}$   
 $+41937500141767965 z^{20} + 12903849504489216 z^{19}$

$\{[42, \sqrt{21}]\}$

		$+3714743157261990 z^{18} + 997989906669504 z^{17}$ $+249497360175273 z^{16} + 57854355166272 z^{15}$ $+12397447353288 z^{14} + 2444649670848 z^{13}$ $+441389255706 z^{12} + 72546444096 z^{11} + 10782856644 z^{10}$ $+1436834112 z^9 + 170035194 z^8 + 17846976 z^7 + 1633800 z^6$ $+135744 z^5 + 12957 z^4 + 448 z^3 + 126 z^2 + 1$	
$\{[84, 2, 76]\}$	$x^8 + x^7 + x + 1$	$z^{84} + 210 z^{82} + 47901 z^{80} + 5714744 z^{78} + 449170554 z^{76}$ $+24181415580 z^{74} + 918481751194 z^{72}$ $+25067887952760 z^{70} + 500003715142953 z^{68}$ $+7429598363768938 z^{66} + 83863236048189213 z^{64}$ $+731974500307625568 z^{62} + 5015310100921736728 z^{60}$ $+27314075908110045264 z^{58}$ $+119443925049738475224 z^{56}$ $+422858528381695309792 z^{54}$ $+1219983336733225825026 z^{52}$ $+2883598773646343546052 z^{50}$ $+5606993644567595250586 z^{48}$ $+8996708903933221088016 z^{46}$ $+11937945350868405265404 z^{44}$ $+13116492440836928775720 z^{42}$ $+11937945350868405265404 z^{40}$ $+8996708903933221088016 z^{38}$ $+5606993644567595250586 z^{36}$ $+2883598773646343546052 z^{34}$ $+1219983336733225825026 z^{32}$ $+422858528381695309792 z^{30}$ $+119443925049738475224 z^{28}$ $+27314075908110045264 z^{26} + 5015310100921736728 z^{24}$ $+731974500307625568 z^{22} + 83863236048189213 z^{20}$ $+7429598363768938 z^{18} + 500003715142953 z^{16}$ $+25067887952760 z^{14} + 918481751194 z^{12}$	$\{[42, \sqrt{21}]\}$

		$+24181415580 z^{10} + 449170554 z^8 + 5714744 z^6 + 47901 z^4$ $+ 210 z^2 + 1$	
$\{[85, 2, 77]\}$	$x^8 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79}$ $+ 19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76}$ $+ 12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73}$ $+ 2885950797030 z^{72} + 14841969833340 z^{71}$ $+ 70251867346020 z^{70} + 307352168331285 z^{69}$ $+ 1247488637205420 z^{68} + 4712734054180980 z^{67}$ $+ 16618587289929040 z^{66} + 54841340114697840 z^{65}$ $+ 169747008040105485 z^{64} + 493809473824463120 z^{63}$ $+ 1352608552851220080 z^{62} + 3494238767001788040 z^{61}$ $+ 8525942601319065648 z^{60} + 19675252156357738800 z^{59}$ $+ 42994069513596479600 z^{58}$ $+ 89059143968994113520 z^{57}$ $+ 175047282986865770760 z^{56}$ $+ 326754928329358638256 z^{55}$ $+ 579726485738541274320 z^{54}$ $+ 978288444469658669490 z^{53}$ $+ 1571190532020971365680 z^{52}$ $+ 2402997284684685569040 z^{51}$ $+ 3501510329134357235928 z^{50}$ $+ 4863208789780900252200 z^{49}$ $+ 6440465694540330451650 z^{48}$ $+ 8135325088805176414200 z^{47}$ $+ 9804109722440949462600 z^{46}$ $+ 11274726179618228687460 z^{45}$ $+ 12374699465413229200200 z^{44}$ $+ 12963970869815722343400 z^{43}$ $+ 12963970869815722343400 z^{42}$ $+ 12374699465413229200200 z^{41}$ $+ 11274726179618228687460 z^{40}$	$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$ \begin{aligned} &+9804109722440949462600 z^{39} \\ &+8135325088805176414200 z^{38} \\ &+6440465694540330451650 z^{37} \\ &+4863208789780900252200 z^{36} \\ &+3501510329134357235928 z^{35} \\ &+2402997284684685569040 z^{34} \\ &+1571190532020971365680 z^{33} \\ &+978288444469658669490 z^{32} \\ &+579726485738541274320 z^{31} \\ &+326754928329358638256 z^{30} \\ &+175047282986865770760 z^{29} \\ &+89059143968994113520 z^{28} \\ &+42994069513596479600 z^{27} \\ &+19675252156357738800 z^{26} + 8525942601319065648 z^{25} \\ &+3494238767001788040 z^{24} + 1352608552851220080 z^{23} \\ &+493809473824463120 z^{22} + 169747008040105485 z^{21} \\ &+54841340114697840 z^{20} + 16618587289929040 z^{19} \\ &+4712734054180980 z^{18} + 1247488637205420 z^{17} \\ &+307352168331285 z^{16} + 70251867346020 z^{15} \\ &+14841969833340 z^{14} + 2885950797030 z^{13} \\ &+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10} \\ &+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6 \\ &+129897 z^5 + 7820 z^4 + 340 z^3 + 1 \end{aligned} $
		$ \begin{aligned} &z^{85} + 170 z^{83} + 13685 z^{81} + 106250 z^{80} + 1756100 z^{79} \\ &+ 19125000 z^{78} + 187651525 z^{77} + 1611121875 z^{76} \\ &+ 12220216250 z^{75} + 83337506250 z^{74} + 513952956875 z^{73} \\ &+ 2885859108125 z^{72} + 14842010225000 z^{71} \\ &+ 70252289242500 z^{70} + 307351575118750 z^{69} \\ &+ 1247488397384125 z^{68} + 4712735125845000 z^{67} \\ &+ 16618583680100250 z^{66} + 54841345411132500 z^{65} \\ &+ 169747019274134225 z^{64} + 493809442826878000 z^{63} \end{aligned} $

$\{[85, 2, 77]\}$

$$x^8 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+1352608552429371200 z^{62} + 3494238823755954500 z^{61} \\
&+8525942529074446284 z^{60} + 19675252191406464040 z^{59} \\
&+42994069691219654280 z^{58} \\
&+89059143563850765980 z^{57} \\
&+175047282899365766740 z^{56} \\
&+326754929256721373568 z^{55} \\
&+579726485267724732080 z^{54} \\
&+978288443570296422630 z^{53} \\
&+1571190533278653593860 z^{52} \\
&+2402997284229415625740 z^{51} \\
&+3501510327849914822568 z^{50} \\
&+4863208792521550124150 z^{49} \\
&+6440465694337047408800 z^{48} \\
&+8135325084772138723800 z^{47} \\
&+9804109724731245960400 z^{46} \\
&+11274726182295194840710 z^{45} \\
&+12374699462669542611450 z^{44} \\
&+12963970870325995133900 z^{43} \\
&+12963970870325995133900 z^{42} \\
&+12374699462669542611450 z^{41} \\
&+11274726182295194840710 z^{40} \\
&+9804109724731245960400 z^{39} \\
&+8135325084772138723800 z^{38} \\
&+6440465694337047408800 z^{37} \\
&+4863208792521550124150 z^{36} \\
&+3501510327849914822568 z^{35} \\
&+2402997284229415625740 z^{34} \\
&+1571190533278653593860 z^{33} \\
&+978288443570296422630 z^{32} \\
&+579726485267724732080 z^{31} \\
&+326754929256721373568 z^{30}
\end{aligned}$$

$$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$$

		$+175047282899365766740 z^{29}$ $+89059143563850765980 z^{28}$ $+42994069691219654280 z^{27}$ $+19675252191406464040 z^{26} + 8525942529074446284 z^{25}$ $+3494238823755954500 z^{24} + 1352608552429371200 z^{23}$ $+493809442826878000 z^{22} + 169747019274134225 z^{21}$ $+54841345411132500 z^{20} + 16618583680100250 z^{19}$ $+4712735125845000 z^{18} + 1247488397384125 z^{17}$ $+307351575118750 z^{16} + 70252289242500 z^{15}$ $+14842010225000 z^{14} + 2885859108125 z^{13}$ $+513952956875 z^{12} + 83337506250 z^{11} + 12220216250 z^{10}$ $+1611121875 z^9 + 187651525 z^8 + 19125000 z^7 + 1756100 z^6$ $+106250 z^5 + 13685 z^4 + 170 z^2 + 1$	
		$z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79}$ $+19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76}$ $+12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73}$ $+2885950797030 z^{72} + 14841969833340 z^{71}$ $+70251867346020 z^{70} + 307352168331285 z^{69}$ $+1247488637205420 z^{68} + 4712734054180980 z^{67}$ $+16618587289929040 z^{66} + 54841340114697840 z^{65}$ $+169747008040105485 z^{64} + 493809473824463120 z^{63}$ $+1352608552851220080 z^{62} + 3494238767001788040 z^{61}$ $+8525942601319065648 z^{60} + 19675252156357738800 z^{59}$ $+42994069513596479600 z^{58}$ $+89059143968994113520 z^{57}$ $+175047282986865770760 z^{56}$ $+326754928329358638256 z^{55}$ $+579726485738541274320 z^{54}$ $+978288444469658669490 z^{53}$ $+1571190532020971365680 z^{52}$ $+2402997284684685569040 z^{51}$	

$\{[85, 2, 77]\}$

$$x^8 + x^6 + x^5 + x^4 + x^2 + x + 1$$

$$\begin{aligned}
&+3501510329134357235928 z^{50} \\
&+4863208789780900252200 z^{49} \\
&+6440465694540330451650 z^{48} \\
&+8135325088805176414200 z^{47} \\
&+9804109722440949462600 z^{46} \\
&+11274726179618228687460 z^{45} \\
&+12374699465413229200200 z^{44} \\
&+12963970869815722343400 z^{43} \\
&+12963970869815722343400 z^{42} \\
&+12374699465413229200200 z^{41} \\
&+11274726179618228687460 z^{40} \\
&+9804109722440949462600 z^{39} \\
&+8135325088805176414200 z^{38} \\
&+6440465694540330451650 z^{37} \\
&+4863208789780900252200 z^{36} \\
&+3501510329134357235928 z^{35} \\
&+2402997284684685569040 z^{34} \\
&+1571190532020971365680 z^{33} \\
&+978288444469658669490 z^{32} \\
&+579726485738541274320 z^{31} \\
&+326754928329358638256 z^{30} \\
&+175047282986865770760 z^{29} \\
&+89059143968994113520 z^{28} \\
&+42994069513596479600 z^{27} \\
&+19675252156357738800 z^{26} + 8525942601319065648 z^{25} \\
&+3494238767001788040 z^{24} + 1352608552851220080 z^{23} \\
&+493809473824463120 z^{22} + 169747008040105485 z^{21} \\
&+54841340114697840 z^{20} + 16618587289929040 z^{19} \\
&+4712734054180980 z^{18} + 1247488637205420 z^{17} \\
&+307352168331285 z^{16} + 70251867346020 z^{15} \\
&+14841969833340 z^{14} + 2885950797030 z^{13}
\end{aligned}$$

$$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$$

		$+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10}$ $+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6$ $+129897 z^5 + 7820 z^4 + 340 z^3 + 1$	
$\{[85, 2, 77]\}$	$x^8 + x^6 + x^5 + x^4 + x^3 + x + 1$	$z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79}$ $+19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76}$ $+12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73}$ $+2885950797030 z^{72} + 14841969833340 z^{71}$ $+70251867346020 z^{70} + 307352168331285 z^{69}$ $+1247488637205420 z^{68} + 4712734054180980 z^{67}$ $+16618587289929040 z^{66} + 54841340114697840 z^{65}$ $+169747008040105485 z^{64} + 493809473824463120 z^{63}$ $+1352608552851220080 z^{62} + 3494238767001788040 z^{61}$ $+8525942601319065648 z^{60} + 19675252156357738800 z^{59}$ $+42994069513596479600 z^{58}$ $+89059143968994113520 z^{57}$ $+175047282986865770760 z^{56}$ $+326754928329358638256 z^{55}$ $+579726485738541274320 z^{54}$ $+978288444469658669490 z^{53}$ $+1571190532020971365680 z^{52}$ $+2402997284684685569040 z^{51}$ $+3501510329134357235928 z^{50}$ $+4863208789780900252200 z^{49}$ $+6440465694540330451650 z^{48}$ $+8135325088805176414200 z^{47}$ $+9804109722440949462600 z^{46}$ $+11274726179618228687460 z^{45}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{43}$ $+12963970869815722343400 z^{42}$ $+12374699465413229200200 z^{41}$	$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$



		$ \begin{aligned} &+11274726179618228687460 z^{40} \\ &+9804109722440949462600 z^{39} \\ &+8135325088805176414200 z^{38} \\ &+6440465694540330451650 z^{37} \\ &+4863208789780900252200 z^{36} \\ &+3501510329134357235928 z^{35} \\ &+2402997284684685569040 z^{34} \\ &+1571190532020971365680 z^{33} \\ &+978288444469658669490 z^{32} \\ &+579726485738541274320 z^{31} \\ &+326754928329358638256 z^{30} \\ &+175047282986865770760 z^{29} \\ &+89059143968994113520 z^{28} \\ &+42994069513596479600 z^{27} \\ &+19675252156357738800 z^{26} + 8525942601319065648 z^{25} \\ &+3494238767001788040 z^{24} + 1352608552851220080 z^{23} \\ &+493809473824463120 z^{22} + 169747008040105485 z^{21} \\ &+54841340114697840 z^{20} + 16618587289929040 z^{19} \\ &+4712734054180980 z^{18} + 1247488637205420 z^{17} \\ &+307352168331285 z^{16} + 70251867346020 z^{15} \\ &+14841969833340 z^{14} + 2885950797030 z^{13} \\ &+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10} \\ &+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6 \\ &+129897 z^5 + 7820 z^4 + 340 z^3 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79} \\ &+ 19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76} \\ &+ 12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73} \\ &+ 2885950797030 z^{72} + 14841969833340 z^{71} \\ &+ 70251867346020 z^{70} + 307352168331285 z^{69} \\ &+ 1247488637205420 z^{68} + 4712734054180980 z^{67} \\ &+ 16618587289929040 z^{66} + 54841340114697840 z^{65} \end{aligned} $	

$$\{[85, 2, 77]\}$$

$$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+169747008040105485 z^{64} + 493809473824463120 z^{63} \\
&+1352608552851220080 z^{62} + 3494238767001788040 z^{61} \\
&+8525942601319065648 z^{60} + 19675252156357738800 z^{59} \\
&+42994069513596479600 z^{58} \\
&+89059143968994113520 z^{57} \\
&+175047282986865770760 z^{56} \\
&+326754928329358638256 z^{55} \\
&+579726485738541274320 z^{54} \\
&+978288444469658669490 z^{53} \\
&+1571190532020971365680 z^{52} \\
&+2402997284684685569040 z^{51} \\
&+3501510329134357235928 z^{50} \\
&+4863208789780900252200 z^{49} \\
&+6440465694540330451650 z^{48} \\
&+8135325088805176414200 z^{47} \\
&+9804109722440949462600 z^{46} \\
&+11274726179618228687460 z^{45} \\
&+12374699465413229200200 z^{44} \\
&+12963970869815722343400 z^{43} \\
&+12963970869815722343400 z^{42} \\
&+12374699465413229200200 z^{41} \\
&+11274726179618228687460 z^{40} \\
&+9804109722440949462600 z^{39} \\
&+8135325088805176414200 z^{38} \\
&+6440465694540330451650 z^{37} \\
&+4863208789780900252200 z^{36} \\
&+3501510329134357235928 z^{35} \\
&+2402997284684685569040 z^{34} \\
&+1571190532020971365680 z^{33} \\
&+978288444469658669490 z^{32} \\
&+579726485738541274320 z^{31}
\end{aligned}$$

$$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$$

		$+326754928329358638256 z^{30}$ $+175047282986865770760 z^{29}$ $+89059143968994113520 z^{28}$ $+42994069513596479600 z^{27}$ $+19675252156357738800 z^{26} + 8525942601319065648 z^{25}$ $+3494238767001788040 z^{24} + 1352608552851220080 z^{23}$ $+493809473824463120 z^{22} + 169747008040105485 z^{21}$ $+54841340114697840 z^{20} + 16618587289929040 z^{19}$ $+4712734054180980 z^{18} + 1247488637205420 z^{17}$ $+307352168331285 z^{16} + 70251867346020 z^{15}$ $+14841969833340 z^{14} + 2885950797030 z^{13}$ $+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10}$ $+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6$ $+129897 z^5 + 7820 z^4 + 340 z^3 + 1$	
		$z^{85} + 170 z^{83} + 13685 z^{81} + 106250 z^{80} + 1756100 z^{79}$ $+19125000 z^{78} + 187651525 z^{77} + 1611121875 z^{76}$ $+12220216250 z^{75} + 83337506250 z^{74} + 513952956875 z^{73}$ $+2885859108125 z^{72} + 14842010225000 z^{71}$ $+70252289242500 z^{70} + 307351575118750 z^{69}$ $+1247488397384125 z^{68} + 4712735125845000 z^{67}$ $+16618583680100250 z^{66} + 54841345411132500 z^{65}$ $+169747019274134225 z^{64} + 493809442826878000 z^{63}$ $+1352608552429371200 z^{62} + 3494238823755954500 z^{61}$ $+8525942529074446284 z^{60} + 19675252191406464040 z^{59}$ $+42994069691219654280 z^{58}$ $+89059143563850765980 z^{57}$ $+175047282899365766740 z^{56}$ $+326754929256721373568 z^{55}$ $+579726485267724732080 z^{54}$ $+978288443570296422630 z^{53}$ $+1571190533278653593860 z^{52}$	

$\{[85, 2, 77]\}$

$$x^8 + x^7 + x^6 + x^4 + x^2 + x + 1$$

$$\begin{aligned}
&+2402997284229415625740 z^{51} \\
&+3501510327849914822568 z^{50} \\
&+4863208792521550124150 z^{49} \\
&+6440465694337047408800 z^{48} \\
&+8135325084772138723800 z^{47} \\
&+9804109724731245960400 z^{46} \\
&+11274726182295194840710 z^{45} \\
&+12374699462669542611450 z^{44} \\
&+12963970870325995133900 z^{43} \\
&+12963970870325995133900 z^{42} \\
&+12374699462669542611450 z^{41} \\
&+11274726182295194840710 z^{40} \\
&+9804109724731245960400 z^{39} \\
&+8135325084772138723800 z^{38} \\
&+6440465694337047408800 z^{37} \\
&+4863208792521550124150 z^{36} \\
&+3501510327849914822568 z^{35} \\
&+2402997284229415625740 z^{34} \\
&+1571190533278653593860 z^{33} \\
&+978288443570296422630 z^{32} \\
&+579726485267724732080 z^{31} \\
&+326754929256721373568 z^{30} \\
&+175047282899365766740 z^{29} \\
&+89059143563850765980 z^{28} \\
&+42994069691219654280 z^{27} \\
&+19675252191406464040 z^{26} + 8525942529074446284 z^{25} \\
&+3494238823755954500 z^{24} + 1352608552429371200 z^{23} \\
&+493809442826878000 z^{22} + 169747019274134225 z^{21} \\
&+54841345411132500 z^{20} + 16618583680100250 z^{19} \\
&+4712735125845000 z^{18} + 1247488397384125 z^{17} \\
&+307351575118750 z^{16} + 70252289242500 z^{15}
\end{aligned}$$

$$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$$

		$+14842010225000 z^{14} + 2885859108125 z^{13}$ $+513952956875 z^{12} + 83337506250 z^{11} + 12220216250 z^{10}$ $+1611121875 z^9 + 187651525 z^8 + 19125000 z^7 + 1756100 z^6$ $+106250 z^5 + 13685 z^4 + 170 z^2 + 1$	
$\{[85, 2, 77]\}$	$x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79}$ $+19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76}$ $+12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73}$ $+2885950797030 z^{72} + 14841969833340 z^{71}$ $+70251867346020 z^{70} + 307352168331285 z^{69}$ $+1247488637205420 z^{68} + 4712734054180980 z^{67}$ $+16618587289929040 z^{66} + 54841340114697840 z^{65}$ $+169747008040105485 z^{64} + 493809473824463120 z^{63}$ $+1352608552851220080 z^{62} + 3494238767001788040 z^{61}$ $+8525942601319065648 z^{60} + 19675252156357738800 z^{59}$ $+42994069513596479600 z^{58}$ $+89059143968994113520 z^{57}$ $+175047282986865770760 z^{56}$ $+326754928329358638256 z^{55}$ $+579726485738541274320 z^{54}$ $+978288444469658669490 z^{53}$ $+1571190532020971365680 z^{52}$ $+2402997284684685569040 z^{51}$ $+3501510329134357235928 z^{50}$ $+4863208789780900252200 z^{49}$ $+6440465694540330451650 z^{48}$ $+8135325088805176414200 z^{47}$ $+9804109722440949462600 z^{46}$ $+11274726179618228687460 z^{45}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{43}$ $+12963970869815722343400 z^{42}$	$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+12374699465413229200200 z^{41}$ $+11274726179618228687460 z^{40}$ $+9804109722440949462600 z^{39}$ $+8135325088805176414200 z^{38}$ $+6440465694540330451650 z^{37}$ $+4863208789780900252200 z^{36}$ $+3501510329134357235928 z^{35}$ $+2402997284684685569040 z^{34}$ $+1571190532020971365680 z^{33}$ $+978288444469658669490 z^{32}$ $+579726485738541274320 z^{31}$ $+326754928329358638256 z^{30}$ $+175047282986865770760 z^{29}$ $+89059143968994113520 z^{28}$ $+42994069513596479600 z^{27}$ $+19675252156357738800 z^{26} + 8525942601319065648 z^{25}$ $+3494238767001788040 z^{24} + 1352608552851220080 z^{23}$ $+493809473824463120 z^{22} + 169747008040105485 z^{21}$ $+54841340114697840 z^{20} + 16618587289929040 z^{19}$ $+4712734054180980 z^{18} + 1247488637205420 z^{17}$ $+307352168331285 z^{16} + 70251867346020 z^{15}$ $+14841969833340 z^{14} + 2885950797030 z^{13}$ $+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10}$ $+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6$ $+129897 z^5 + 7820 z^4 + 340 z^3 + 1$	
		$z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79}$ $+19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76}$ $+12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73}$ $+2885950797030 z^{72} + 14841969833340 z^{71}$ $+70251867346020 z^{70} + 307352168331285 z^{69}$ $+1247488637205420 z^{68} + 4712734054180980 z^{67}$	

$\{[85, 2, 77]\}$

$$x^8 + x^7 + x^5 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned}
& +16618587289929040 z^{66} + 54841340114697840 z^{65} \\
& +169747008040105485 z^{64} + 493809473824463120 z^{63} \\
& +1352608552851220080 z^{62} + 3494238767001788040 z^{61} \\
& +8525942601319065648 z^{60} + 19675252156357738800 z^{59} \\
& +42994069513596479600 z^{58} \\
& +89059143968994113520 z^{57} \\
& +175047282986865770760 z^{56} \\
& +326754928329358638256 z^{55} \\
& +579726485738541274320 z^{54} \\
& +978288444469658669490 z^{53} \\
& +1571190532020971365680 z^{52} \\
& +2402997284684685569040 z^{51} \\
& +3501510329134357235928 z^{50} \\
& +4863208789780900252200 z^{49} \\
& +6440465694540330451650 z^{48} \\
& +8135325088805176414200 z^{47} \\
& +9804109722440949462600 z^{46} \\
& +11274726179618228687460 z^{45} \\
& +12374699465413229200200 z^{44} \\
& +12963970869815722343400 z^{43} \\
& +12963970869815722343400 z^{42} \\
& +12374699465413229200200 z^{41} \\
& +11274726179618228687460 z^{40} \\
& +9804109722440949462600 z^{39} \\
& +8135325088805176414200 z^{38} \\
& +6440465694540330451650 z^{37} \\
& +4863208789780900252200 z^{36} \\
& +3501510329134357235928 z^{35} \\
& +2402997284684685569040 z^{34} \\
& +1571190532020971365680 z^{33} \\
& +978288444469658669490 z^{32}
\end{aligned}$$

$$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$$

		$+579726485738541274320 z^{31}$ $+326754928329358638256 z^{30}$ $+175047282986865770760 z^{29}$ $+89059143968994113520 z^{28}$ $+42994069513596479600 z^{27}$ $+19675252156357738800 z^{26} + 8525942601319065648 z^{25}$ $+3494238767001788040 z^{24} + 1352608552851220080 z^{23}$ $+493809473824463120 z^{22} + 169747008040105485 z^{21}$ $+54841340114697840 z^{20} + 16618587289929040 z^{19}$ $+4712734054180980 z^{18} + 1247488637205420 z^{17}$ $+307352168331285 z^{16} + 70251867346020 z^{15}$ $+14841969833340 z^{14} + 2885950797030 z^{13}$ $+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10}$ $+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6$ $+129897 z^5 + 7820 z^4 + 340 z^3 + 1$	
		$z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79}$ $+19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76}$ $+12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73}$ $+2885950797030 z^{72} + 14841969833340 z^{71}$ $+70251867346020 z^{70} + 307352168331285 z^{69}$ $+1247488637205420 z^{68} + 4712734054180980 z^{67}$ $+16618587289929040 z^{66} + 54841340114697840 z^{65}$ $+169747008040105485 z^{64} + 493809473824463120 z^{63}$ $+1352608552851220080 z^{62} + 3494238767001788040 z^{61}$ $+8525942601319065648 z^{60} + 19675252156357738800 z^{59}$ $+42994069513596479600 z^{58}$ $+89059143968994113520 z^{57}$ $+175047282986865770760 z^{56}$ $+326754928329358638256 z^{55}$ $+579726485738541274320 z^{54}$ $+978288444469658669490 z^{53}$	



$$\{[85, 2, 77]\}$$

$$x^8+x^7+x^5+x+1$$

$$\begin{aligned}
&+1571190532020971365680 z^{52} \\
&+2402997284684685569040 z^{51} \\
&+3501510329134357235928 z^{50} \\
&+4863208789780900252200 z^{49} \\
&+6440465694540330451650 z^{48} \\
&+8135325088805176414200 z^{47} \\
&+9804109722440949462600 z^{46} \\
&+11274726179618228687460 z^{45} \\
&+12374699465413229200200 z^{44} \\
&+12963970869815722343400 z^{43} \\
&+12963970869815722343400 z^{42} \\
&+12374699465413229200200 z^{41} \\
&+11274726179618228687460 z^{40} \\
&+9804109722440949462600 z^{39} \\
&+8135325088805176414200 z^{38} \\
&+6440465694540330451650 z^{37} \\
&+4863208789780900252200 z^{36} \\
&+3501510329134357235928 z^{35} \\
&+2402997284684685569040 z^{34} \\
&+1571190532020971365680 z^{33} \\
&+978288444469658669490 z^{32} \\
&+579726485738541274320 z^{31} \\
&+326754928329358638256 z^{30} \\
&+175047282986865770760 z^{29} \\
&+89059143968994113520 z^{28} \\
&+42994069513596479600 z^{27} \\
&+19675252156357738800 z^{26} + 8525942601319065648 z^{25} \\
&+3494238767001788040 z^{24} + 1352608552851220080 z^{23} \\
&+493809473824463120 z^{22} + 169747008040105485 z^{21} \\
&+54841340114697840 z^{20} + 16618587289929040 z^{19} \\
&+4712734054180980 z^{18} + 1247488637205420 z^{17}
\end{aligned}$$

$$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$$

		$+307352168331285 z^{16} + 70251867346020 z^{15}$ $+14841969833340 z^{14} + 2885950797030 z^{13}$ $+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10}$ $+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6$ $+129897 z^5 + 7820 z^4 + 340 z^3 + 1$	
$\{[85, 2, 77]\}$	$x^8 + x^7 + x^3 + x + 1$	$z^{85} + 340 z^{82} + 7820 z^{81} + 129897 z^{80} + 1712580 z^{79}$ $+19250460 z^{78} + 187931430 z^{77} + 1608652540 z^{76}$ $+12223738956 z^{75} + 83338134060 z^{74} + 513931230620 z^{73}$ $+2885950797030 z^{72} + 14841969833340 z^{71}$ $+70251867346020 z^{70} + 307352168331285 z^{69}$ $+1247488637205420 z^{68} + 4712734054180980 z^{67}$ $+16618587289929040 z^{66} + 54841340114697840 z^{65}$ $+169747008040105485 z^{64} + 493809473824463120 z^{63}$ $+1352608552851220080 z^{62} + 3494238767001788040 z^{61}$ $+8525942601319065648 z^{60} + 19675252156357738800 z^{59}$ $+42994069513596479600 z^{58}$ $+89059143968994113520 z^{57}$ $+175047282986865770760 z^{56}$ $+326754928329358638256 z^{55}$ $+579726485738541274320 z^{54}$ $+978288444469658669490 z^{53}$ $+1571190532020971365680 z^{52}$ $+2402997284684685569040 z^{51}$ $+3501510329134357235928 z^{50}$ $+4863208789780900252200 z^{49}$ $+6440465694540330451650 z^{48}$ $+8135325088805176414200 z^{47}$ $+9804109722440949462600 z^{46}$ $+11274726179618228687460 z^{45}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{43}$	

$$\left\{ \left[ \frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$$

$$\begin{aligned}
&+12963970869815722343400 z^{42} \\
&+12374699465413229200200 z^{41} \\
&+11274726179618228687460 z^{40} \\
&+9804109722440949462600 z^{39} \\
&+8135325088805176414200 z^{38} \\
&+6440465694540330451650 z^{37} \\
&+4863208789780900252200 z^{36} \\
&+3501510329134357235928 z^{35} \\
&+2402997284684685569040 z^{34} \\
&+1571190532020971365680 z^{33} \\
&+978288444469658669490 z^{32} \\
&+579726485738541274320 z^{31} \\
&+326754928329358638256 z^{30} \\
&+175047282986865770760 z^{29} \\
&+89059143968994113520 z^{28} \\
&+42994069513596479600 z^{27} \\
&+19675252156357738800 z^{26} + 8525942601319065648 z^{25} \\
&+3494238767001788040 z^{24} + 1352608552851220080 z^{23} \\
&+493809473824463120 z^{22} + 169747008040105485 z^{21} \\
&+54841340114697840 z^{20} + 16618587289929040 z^{19} \\
&+4712734054180980 z^{18} + 1247488637205420 z^{17} \\
&+307352168331285 z^{16} + 70251867346020 z^{15} \\
&+14841969833340 z^{14} + 2885950797030 z^{13} \\
&+513931230620 z^{12} + 83338134060 z^{11} + 12223738956 z^{10} \\
&+1608652540 z^9 + 187931430 z^8 + 19250460 z^7 + 1712580 z^6 \\
&+129897 z^5 + 7820 z^4 + 340 z^3 + 1
\end{aligned}$$

$$\begin{aligned}
&214358881 z^{80} + 25723065720 z^{78} + 1422485534316 z^{76} \\
&+ 48127855962120 z^{74} + 1115948476026142 z^{72} \\
&+ 18835509244841608 z^{70} + 240094993536881868 z^{68} \\
&+ 2368772516570629752 z^{66} + 18408014996857453165 z^{64}
\end{aligned}$$

$\{[88, 2, 80]\}$	$x^8 + 1$	$ \begin{aligned} &+114177083746297813472 z^{62} \\ &+571178304652623191920 z^{60} \\ &+2324127214244906595360 z^{58} \\ &+7745580327870572492008 z^{56} \\ &+21262361422554137830560 z^{54} \\ &+48295813374247485997104 z^{52} \\ &+91095624673423859259232 z^{50} \\ &+143067017464445295308626 z^{48} \\ &+187432853565883353067024 z^{46} \\ &+205066448149727553302760 z^{44} \\ &+187432576693917466945264 z^{42} \\ &+143066967876952455365876 z^{40} \\ &+91095810620456874877040 z^{38} \\ &+48295875350335617751912 z^{36} \\ &+21262281424867897820560 z^{34} \\ &+7745539492177325611410 z^{32} \\ &+2324145915512890757728 z^{30} \\ &+571193911114065146160 z^{28} \\ &+114176528297229919136 z^{26} \\ &+18404945138723409640 z^{24} + 2368000776512395552 z^{22} \\ &+240235898118806128 z^{20} + 18954487728812768 z^{18} \\ &+1146156745465677 z^{16} + 52371463563320 z^{14} \\ &+1785378252812 z^{12} + 44807045448 z^{10} + 812723230 z^8 \\ &+10337096 z^6 + 87340 z^4 + 440 z^2 + 1 \end{aligned} $	$\{[44, \sqrt{22}]\}$
		$ \begin{aligned} &z^{90} + 90 z^{88} + 1890 z^{87} + 20925 z^{86} + 236628 z^{85} + 2760345 z^{84} \\ &+ 30361050 z^{83} + 305248500 z^{82} + 2759625520 z^{81} \\ &+ 22331510793 z^{80} + 162453372660 z^{79} \\ &+ 1069773100050 z^{78} + 6419438083800 z^{77} \\ &+ 35307821724210 z^{76} + 178891423741236 z^{75} \\ &+ 838545724771605 z^{74} + 3650128031720880 z^{73} \\ &+ 14803296528077580 z^{72} + 56096741873289330 z^{71} \end{aligned} $	

{ [90, 2, 82] }

$x^8 + x^2 + 1$

$+199143526076322165 z^{70} + 663811827181309380 z^{69}$   
 $+2081955118906804905 z^{68} + 6155345040059816730 z^{67}$   
 $+17183671108959818730 z^{66}$   
 $+45364892340879281088 z^{65}$   
 $+113412232838334781485 z^{64}$   
 $+268828998020619781680 z^{63}$   
 $+604865244069850177080 z^{62}$   
 $+1293160171409887894560 z^{61}$   
 $+2629425676149177535224 z^{60}$   
 $+5089210988665814973360 z^{59}$   
 $+9383232775415887775250 z^{58}$   
 $+16491742468899543403200 z^{57}$   
 $+27647921190082309215660 z^{56}$   
 $+44236673870991162445764 z^{55}$   
 $+67583807278020840202170 z^{54}$   
 $+98635826856278590923240 z^{53}$   
 $+137571021718918129639890 z^{52}$   
 $+183428028992473646504820 z^{51}$   
 $+233870736942043212818448 z^{50}$   
 $+285208215714756517836960 z^{49}$   
 $+332742918286027220264610 z^{48}$   
 $+371433955327531410042360 z^{47}$   
 $+396758997823067782136460 z^{46}$   
 $+405575864488095700120080 z^{45}$   
 $+396758997823067782136460 z^{44}$   
 $+371433955327531410042360 z^{43}$   
 $+332742918286027220264610 z^{42}$   
 $+285208215714756517836960 z^{41}$   
 $+233870736942043212818448 z^{40}$   
 $+183428028992473646504820 z^{39}$   
 $+137571021718918129639890 z^{38}$

$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$ \begin{aligned} &+98635826856278590923240 z^{37} \\ &+67583807278020840202170 z^{36} \\ &+44236673870991162445764 z^{35} \\ &+27647921190082309215660 z^{34} \\ &+16491742468899543403200 z^{33} \\ &+9383232775415887775250 z^{32} \\ &+5089210988665814973360 z^{31} \\ &+2629425676149177535224 z^{30} \\ &+1293160171409887894560 z^{29} \\ &+604865244069850177080 z^{28} \\ &+268828998020619781680 z^{27} \\ &+113412232838334781485 z^{26} \\ &+45364892340879281088 z^{25} \\ &+17183671108959818730 z^{24} + 6155345040059816730 z^{23} \\ &+2081955118906804905 z^{22} + 663811827181309380 z^{21} \\ &+199143526076322165 z^{20} + 56096741873289330 z^{19} \\ &+14803296528077580 z^{18} + 3650128031720880 z^{17} \\ &+838545724771605 z^{16} + 178891423741236 z^{15} \\ &+35307821724210 z^{14} + 6419438083800 z^{13} \\ &+1069773100050 z^{12} + 162453372660 z^{11} \\ &+22331510793 z^{10} + 2759625520 z^9 + 305248500 z^8 \\ &+30361050 z^7 + 2760345 z^6 + 236628 z^5 + 20925 z^4 + 1890 z^3 \\ &+90 z^2 + 1 \end{aligned} $
		$ \begin{aligned} &z^{90} + 225 z^{88} + 23850 z^{86} + 139968 z^{85} + 2982570 z^{84} \\ &+ 27527040 z^{83} + 315881415 z^{82} + 2708536320 z^{81} \\ &+ 22514544423 z^{80} + 161995282560 z^{79} \\ &+ 1070855444220 z^{78} + 6418277205120 z^{77} \\ &+ 35306534251260 z^{76} + 178899473517696 z^{75} \\ &+ 838518056467155 z^{74} + 3650175742786560 z^{73} \\ &+ 14803277862978035 z^{72} + 56096654628574080 z^{71} \\ &+ 199143887227426530 z^{70} + 663811155327622080 z^{69} \end{aligned} $

{ [90, 2, 82] }

$$x^8 + x^4 + x^2 + x + 1$$

$$\begin{aligned}
& +2081955383978298210 z^{68} + 6155346143922716160 z^{67} \\
& +17183667917673134805 z^{66} \\
& +45364897112976396288 z^{65} \\
& +113412232478372802165 z^{64} \\
& +268828987354102940160 z^{63} \\
& +604865262248407838160 z^{62} \\
& +1293160156306563479040 z^{61} \\
& +2629425665520247875024 z^{60} \\
& +5089211044782509652480 z^{59} \\
& +9383232713587895471130 z^{58} \\
& +16491742471374176686080 z^{57} \\
& +27647921267858209011930 z^{56} \\
& +44236673719666062902784 z^{55} \\
& +67583807393308217617780 z^{54} \\
& +98635826956453191745920 z^{53} \\
& +137571021445335359509620 z^{52} \\
& +183428029220033624858880 z^{51} \\
& +233870736930457467556278 z^{50} \\
& +285208215398955994982400 z^{49} \\
& +332742918734974279523190 z^{48} \\
& +371433955204822146359040 z^{47} \\
& +396758997523475696068200 z^{46} \\
& +405575864936311441591040 z^{45} \\
& +396758997523475696068200 z^{44} \\
& +371433955204822146359040 z^{43} \\
& +332742918734974279523190 z^{42} \\
& +285208215398955994982400 z^{41} \\
& +233870736930457467556278 z^{40} \\
& +183428029220033624858880 z^{39} \\
& +137571021445335359509620 z^{38} \\
& +98635826956453191745920 z^{37}
\end{aligned}$$

$$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$$

		$+67583807393308217617780 z^{36}$ $+44236673719666062902784 z^{35}$ $+27647921267858209011930 z^{34}$ $+16491742471374176686080 z^{33}$ $+9383232713587895471130 z^{32}$ $+5089211044782509652480 z^{31}$ $+2629425665520247875024 z^{30}$ $+1293160156306563479040 z^{29}$ $+604865262248407838160 z^{28}$ $+268828987354102940160 z^{27}$ $+113412232478372802165 z^{26}$ $+45364897112976396288 z^{25}$ $+17183667917673134805 z^{24} + 6155346143922716160 z^{23}$ $+2081955383978298210 z^{22} + 663811155327622080 z^{21}$ $+199143887227426530 z^{20} + 56096654628574080 z^{19}$ $+14803277862978035 z^{18} + 3650175742786560 z^{17}$ $+838518056467155 z^{16} + 178899473517696 z^{15}$ $+35306534251260 z^{14} + 6418277205120 z^{13}$ $+1070855444220 z^{12} + 161995282560 z^{11}$ $+22514544423 z^{10} + 2708536320 z^9 + 315881415 z^8$ $+27527040 z^7 + 2982570 z^6 + 139968 z^5 + 23850 z^4 + 225 z^2$ $+1$	
		$135 z^{88} + 30870 z^{86} + 5665020 z^{84} + 629843490 z^{82}$ $+45040686867 z^{80} + 2141827998540 z^{78}$ $+70612662970800 z^{76} + 1677032852153940 z^{74}$ $+29606574128068505 z^{72} + 398287774612590102 z^{70}$ $+4163910536353053060 z^{68} + 34367336509739051250 z^{66}$ $+226824464761589922885 z^{64}$ $+1209730521358979154000 z^{62}$ $+5258851338743146488576 z^{60}$ $+18766465422441200863920 z^{58}$	



{[90, 2, 82]}	$x^8 + x^5 + x^3 + 1$	$ \begin{aligned} &+55295842523551090142310 z^{56} \\ &+135167614815392627557740 z^{54} \\ &+275142042874516321468440 z^{52} \\ &+467741473832998972228932 z^{50} \\ &+665485837527987316638270 z^{48} \\ &+793517995015227203352840 z^{46} \\ &+793517995019343918716640 z^{44} \\ &+665485837524213660888120 z^{42} \\ &+467741473836168843059058 z^{40} \\ &+275142042872077959291420 z^{38} \\ &+135167614817108512052680 z^{36} \\ &+55295842522448021538420 z^{34} \\ &+18766465423087827286890 z^{32} \\ &+5258851338398279062992 z^{30} \\ &+1209730521525850488960 z^{28} \\ &+226824464688583713840 z^{26} \\ &+34367336538499072995 z^{24} + 4163910526202457150 z^{22} \\ &+398287777802777388 z^{20} + 29606573241905370 z^{18} \\ &+1677033067707135 z^{16} + 70612617591180 z^{14} \\ &+2141836143600 z^{12} + 45039465108 z^{10} + 629992485 z^8 \\ &+5650830 z^6 + 31860 z^4 + 90 z^2 + 1 \end{aligned} $	$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$
		$ \begin{aligned} &z^{90} + 360 z^{88} + 59580 z^{86} + 118098 z^{85} + 6007800 z^{84} \\ &+ 26768880 z^{83} + 412492590 z^{82} + 2708118360 z^{81} \\ &+ 23908257513 z^{80} + 162037979280 z^{79} \\ &+ 1078949258820 z^{78} + 6418230350940 z^{77} \\ &+ 35300027456100 z^{76} + 178898548770576 z^{75} \\ &+ 838297587790485 z^{74} + 3650178318151320 z^{73} \\ &+ 14803076458417230 z^{72} + 56096662301789040 z^{71} \\ &+ 199146865448978280 z^{70} + 663811111917075690 z^{69} \\ &+ 2081957784723707580 z^{68} + 6155346159256950720 z^{67} \\ &+ 17183641379851722960 z^{66} \end{aligned} $	

$\{[90, 2, 82]\}$

$$x^8 + x^6 + x^4 + x^2 + 1$$

$$\begin{aligned}
&+45364897411005666528 z^{65} \\
&+113412229013864717325 z^{64} \\
&+268828986683744170560 z^{63} \\
&+604865415224523240720 z^{62} \\
&+1293160155969953993040 z^{61} \\
&+2629425570327251922384 z^{60} \\
&+5089211048495753328960 z^{59} \\
&+9383232199720669168050 z^{58} \\
&+16491742465872452081760 z^{57} \\
&+27647921976443147666520 z^{56} \\
&+44236673717147051845824 z^{55} \\
&+67583808196749910313640 z^{54} \\
&+98635826976473005900740 z^{53} \\
&+137571019269012412467840 z^{52} \\
&+183428029192062971719200 z^{51} \\
&+233870737042790417187828 z^{50} \\
&+285208215404875418765520 z^{49} \\
&+332742922007856895837890 z^{48} \\
&+371433955240493138216160 z^{47} \\
&+396758995283682708034680 z^{46} \\
&+405575864879102665889960 z^{45} \\
&+396758995283682708034680 z^{44} \\
&+371433955240493138216160 z^{43} \\
&+332742922007856895837890 z^{42} \\
&+285208215404875418765520 z^{41} \\
&+233870737042790417187828 z^{40} \\
&+183428029192062971719200 z^{39} \\
&+137571019269012412467840 z^{38} \\
&+98635826976473005900740 z^{37} \\
&+67583808196749910313640 z^{36} \\
&+44236673717147051845824 z^{35}
\end{aligned}$$

$$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$$

		$ \begin{aligned} &+27647921976443147666520 z^{34} \\ &+16491742465872452081760 z^{33} \\ &+9383232199720669168050 z^{32} \\ &+5089211048495753328960 z^{31} \\ &+2629425570327251922384 z^{30} \\ &+1293160155969953993040 z^{29} \\ &+604865415224523240720 z^{28} \\ &+268828986683744170560 z^{27} \\ &+113412229013864717325 z^{26} \\ &+45364897411005666528 z^{25} \\ &+17183641379851722960 z^{24} + 6155346159256950720 z^{23} \\ &+2081957784723707580 z^{22} + 663811111917075690 z^{21} \\ &+199146865448978280 z^{20} + 56096662301789040 z^{19} \\ &+14803076458417230 z^{18} + 3650178318151320 z^{17} \\ &+838297587790485 z^{16} + 178898548770576 z^{15} \\ &+35300027456100 z^{14} + 6418230350940 z^{13} \\ &+1078949258820 z^{12} + 162037979280 z^{11} \\ &+23908257513 z^{10} + 2708118360 z^9 + 412492590 z^8 \\ &+26768880 z^7 + 6007800 z^6 + 118098 z^5 + 59580 z^4 + 360 z^2 \\ &+1 \end{aligned} $	
		$ \begin{aligned} &z^{90} + 90 z^{88} + 1890 z^{87} + 20925 z^{86} + 236628 z^{85} + 2760345 z^{84} \\ &+ 30361050 z^{83} + 305248500 z^{82} + 2759625520 z^{81} \\ &+ 22331510793 z^{80} + 162453372660 z^{79} \\ &+ 1069773100050 z^{78} + 6419438083800 z^{77} \\ &+ 35307821724210 z^{76} + 178891423741236 z^{75} \\ &+ 838545724771605 z^{74} + 3650128031720880 z^{73} \\ &+ 14803296528077580 z^{72} + 56096741873289330 z^{71} \\ &+ 199143526076322165 z^{70} + 663811827181309380 z^{69} \\ &+ 2081955118906804905 z^{68} + 6155345040059816730 z^{67} \\ &+ 17183671108959818730 z^{66} \\ &+ 45364892340879281088 z^{65} \end{aligned} $	

$\{[90, 2, 82]\}$

$x^8+x^6+1$

$+113412232838334781485 z^{64}$   
 $+268828998020619781680 z^{63}$   
 $+604865244069850177080 z^{62}$   
 $+1293160171409887894560 z^{61}$   
 $+2629425676149177535224 z^{60}$   
 $+5089210988665814973360 z^{59}$   
 $+9383232775415887775250 z^{58}$   
 $+16491742468899543403200 z^{57}$   
 $+27647921190082309215660 z^{56}$   
 $+44236673870991162445764 z^{55}$   
 $+67583807278020840202170 z^{54}$   
 $+98635826856278590923240 z^{53}$   
 $+137571021718918129639890 z^{52}$   
 $+183428028992473646504820 z^{51}$   
 $+233870736942043212818448 z^{50}$   
 $+285208215714756517836960 z^{49}$   
 $+332742918286027220264610 z^{48}$   
 $+371433955327531410042360 z^{47}$   
 $+396758997823067782136460 z^{46}$   
 $+405575864488095700120080 z^{45}$   
 $+396758997823067782136460 z^{44}$   
 $+371433955327531410042360 z^{43}$   
 $+332742918286027220264610 z^{42}$   
 $+285208215714756517836960 z^{41}$   
 $+233870736942043212818448 z^{40}$   
 $+183428028992473646504820 z^{39}$   
 $+137571021718918129639890 z^{38}$   
 $+98635826856278590923240 z^{37}$   
 $+67583807278020840202170 z^{36}$   
 $+44236673870991162445764 z^{35}$   
 $+27647921190082309215660 z^{34}$

$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$ \begin{aligned} &+16491742468899543403200 z^{33} \\ &+9383232775415887775250 z^{32} \\ &+5089210988665814973360 z^{31} \\ &+2629425676149177535224 z^{30} \\ &+1293160171409887894560 z^{29} \\ &+604865244069850177080 z^{28} \\ &+268828998020619781680 z^{27} \\ &+113412232838334781485 z^{26} \\ &+45364892340879281088 z^{25} \\ &+17183671108959818730 z^{24} + 6155345040059816730 z^{23} \\ &+2081955118906804905 z^{22} + 663811827181309380 z^{21} \\ &+199143526076322165 z^{20} + 56096741873289330 z^{19} \\ &+14803296528077580 z^{18} + 3650128031720880 z^{17} \\ &+838545724771605 z^{16} + 178891423741236 z^{15} \\ &+35307821724210 z^{14} + 6419438083800 z^{13} \\ &+1069773100050 z^{12} + 162453372660 z^{11} \\ &+22331510793 z^{10} + 2759625520 z^9 + 305248500 z^8 \\ &+30361050 z^7 + 2760345 z^6 + 236628 z^5 + 20925 z^4 + 1890 z^3 \\ &+90 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &135 z^{88} + 21150 z^{86} + 4864740 z^{84} + 605323170 z^{82} \\ &+ 44694381267 z^{80} + 2139825651420 z^{78} \\ &+ 70614158783040 z^{76} + 1677087901012500 z^{74} \\ &+ 29606626423330585 z^{72} + 398287026996366942 z^{70} \\ &+ 4163909924924923500 z^{68} + 34367343183300210930 z^{66} \\ &+ 226824465647499545925 z^{64} \\ &+ 1209730482829533638160 z^{62} \\ &+ 5258851362956777701056 z^{60} \\ &+ 18766465551519988382640 z^{58} \\ &+ 55295842343314627442790 z^{56} \\ &+ 135167614619056230694780 z^{54} \\ &+ 275142043417449965063400 z^{52} \end{aligned} $	

$\{[90, 2, 82]\}$	$x^8+x^6+x^5+x^4+x+1$	$ \begin{aligned} &+467741473798636939270212 z^{50} \\ &+665485836720173969500350 z^{48} \\ &+793517995569971933821800 z^{46} \\ &+793517995574088649185600 z^{44} \\ &+665485836716400313750200 z^{42} \\ &+467741473801806810100338 z^{40} \\ &+275142043415011602886380 z^{38} \\ &+135167614620772115189720 z^{36} \\ &+55295842342211558838900 z^{34} \\ &+18766465552166614805610 z^{32} \\ &+5258851362611910275472 z^{30} \\ &+1209730482996404973120 z^{28} \\ &+226824465574493336880 z^{26} \\ &+34367343212060232675 z^{24} + 4163909914774327590 z^{22} \\ &+398287030186554228 z^{20} + 29606625537167450 z^{18} \\ &+1677088116565695 z^{16} + 70614113403420 z^{14} \\ &+2139833796480 z^{12} + 44693159508 z^{10} + 605472165 z^8 \\ &+4850550 z^6 + 22140 z^4 + 90 z^2 + 1 \end{aligned} $	$ \left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &z^{90} + 90 z^{88} + 270 z^{87} + 11205 z^{86} + 167940 z^{85} + 2426625 z^{84} \\ &+ 29242710 z^{83} + 302656500 z^{82} + 2758749040 z^{81} \\ &+ 22347100233 z^{80} + 162515555820 z^{79} \\ &+ 1069916807970 z^{78} + 6419492678520 z^{77} \\ &+ 35307048897090 z^{76} + 178889321507244 z^{75} \\ &+ 838544026415445 z^{74} + 3650131799397360 z^{73} \\ &+ 14803313514805260 z^{72} + 56096766491036670 z^{71} \\ &+ 199143510145025085 z^{70} + 663811719656851380 z^{69} \\ &+ 2081954977004222865 z^{68} + 6155345060579562390 z^{67} \\ &+ 17183671553274737130 z^{66} \\ &+ 45364893132238799040 z^{65} \\ &+ 113412232884570336045 z^{64} \\ &+ 268828996111016850000 z^{63} \end{aligned} $	

$\{[90, 2, 82]\}$

$x^8+x^6+x^5+x^3+x^2+x+1$

$+604865241387783531000 z^{62}$   
 $+1293160171403507444640 z^{61}$   
 $+2629425681334964464824 z^{60}$   
 $+5089210996856947177680 z^{59}$   
 $+9383232776224135663890 z^{58}$   
 $+16491742452958061138880 z^{57}$   
 $+27647921170881691336620 z^{56}$   
 $+44236673876745370628892 z^{55}$   
 $+67583807310325019433930 z^{54}$   
 $+98635826882820013360200 z^{53}$   
 $+137571021708315538215330 z^{52}$   
 $+183428028943567529818860 z^{51}$   
 $+233870736899234463721488 z^{50}$   
 $+285208215736065115860000 z^{49}$   
 $+332742918360209796310050 z^{48}$   
 $+371433955370955762717000 z^{47}$   
 $+396758997785533628587500 z^{46}$   
 $+405575864409721932323280 z^{45}$   
 $+396758997785533628587500 z^{44}$   
 $+371433955370955762717000 z^{43}$   
 $+332742918360209796310050 z^{42}$   
 $+285208215736065115860000 z^{41}$   
 $+233870736899234463721488 z^{40}$   
 $+183428028943567529818860 z^{39}$   
 $+137571021708315538215330 z^{38}$   
 $+98635826882820013360200 z^{37}$   
 $+67583807310325019433930 z^{36}$   
 $+44236673876745370628892 z^{35}$   
 $+27647921170881691336620 z^{34}$   
 $+16491742452958061138880 z^{33}$   
 $+9383232776224135663890 z^{32}$

$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+5089210996856947177680 z^{31}$ $+2629425681334964464824 z^{30}$ $+1293160171403507444640 z^{29}$ $+604865241387783531000 z^{28}$ $+268828996111016850000 z^{27}$ $+113412232884570336045 z^{26}$ $+45364893132238799040 z^{25}$ $+17183671553274737130 z^{24} + 6155345060579562390 z^{23}$ $+2081954977004222865 z^{22} + 663811719656851380 z^{21}$ $+199143510145025085 z^{20} + 56096766491036670 z^{19}$ $+14803313514805260 z^{18} + 3650131799397360 z^{17}$ $+838544026415445 z^{16} + 178889321507244 z^{15}$ $+35307048897090 z^{14} + 6419492678520 z^{13}$ $+1069916807970 z^{12} + 162515555820 z^{11}$ $+22347100233 z^{10} + 2758749040 z^9 + 302656500 z^8$ $+29242710 z^7 + 2426625 z^6 + 167940 z^5 + 11205 z^4 + 270 z^3$ $+90 z^2 + 1$	
		$225 z^{88} + 36900 z^{86} + 5675490 z^{84} + 623480580 z^{82}$ $+44857806759 z^{80} + 2139887280840 z^{78}$ $+70608724826220 z^{76} + 1677080072313000 z^{74}$ $+29606725551533875 z^{72} + 398287093981342500 z^{70}$ $+4163908765841516250 z^{68} + 34367343828257782500 z^{66}$ $+226824472989411153525 z^{64}$ $+1209730470379722424800 z^{62}$ $+5258851343759204593680 z^{60}$ $+18766465622753315983200 z^{58}$ $+55295842320261231039450 z^{56}$ $+135167614458287059070920 z^{54}$ $+275142043637718449229540 z^{52}$ $+467741473873286537025288 z^{50}$ $+665485836315765066386550 z^{48}$	



$\{[90, 2, 82]\}$	$x^8 + x^6 + x^5 + x^3 + x^2 + 1$	$+793517995816718499428400 z^{46}$ $+793517995820835214792200 z^{44}$ $+665485836311991410636400 z^{42}$ $+467741473876456407855414 z^{40}$ $+275142043635280087052520 z^{38}$ $+135167614460002943565860 z^{36}$ $+55295842319158162435560 z^{34}$ $+18766465623399942406170 z^{32}$ $+5258851343414337168096 z^{30}$ $+1209730470546593759760 z^{28}$ $+226824472916404944480 z^{26}$ $+34367343857017804245 z^{24} + 4163908755690920340 z^{22}$ $+398287097171529786 z^{20} + 29606724665370740 z^{18}$ $+1677080287866195 z^{16} + 70608679446600 z^{14}$ $+2139895425900 z^{12} + 44856585000 z^{10} + 623629575 z^8$ $+5661300 z^6 + 37890 z^4 + 180 z^2 + 1$	$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$
		$z^{90} + 405 z^{88} + 74790 z^{86} + 8336790 z^{84} + 626110155 z^{82}$ $+ 1000000000 z^{81} + 33505791759 z^{80} + 108000000000 z^{79}$ $+ 1318989706740 z^{78} + 5410800000000 z^{77}$ $+ 38938702472820 z^{76} + 167032800000000 z^{75}$ $+ 873004498779195 z^{74} + 3560432040000000 z^{73}$ $+ 15010790668224615 z^{72} + 55678268160000000 z^{71}$ $+ 199863397415792286 z^{70} + 662827784832000000 z^{69}$ $+ 2082790534244404590 z^{68} + 6155741746944000000 z^{67}$ $+ 17180134470131618745 z^{66}$ $+ 45373740084921600000 z^{65}$ $+ 113397436344171724245 z^{64}$ $+ 268846124595840000000 z^{63}$ $+ 604856260636904409840 z^{62}$ $+ 1293144535421176320000 z^{61}$ $+ 2629480511261728345584 z^{60}$	

$$\{[90, 2, 82]\}$$

$$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+5089117807573263360000 z^{59} \\
&+9383333990756523639930 z^{58} \\
&+16491694882852505856000 z^{57} \\
&+27647846917592060471490 z^{56} \\
&+44236899697172391936000 z^{55} \\
&+67583482786539025045740 z^{54} \\
&+98636104128431515852800 z^{53} \\
&+137570972106088130895180 z^{52} \\
&+183427742549374204723200 z^{51} \\
&+233871304311119560680126 z^{50} \\
&+285207603681523502730240 z^{49} \\
&+332743261454724676213350 z^{48} \\
&+371434092032646890311680 z^{47} \\
&+396758405127077601967800 z^{46} \\
&+405576644908336772032512 z^{45} \\
&+396758405127077601967800 z^{44} \\
&+371434092032646890311680 z^{43} \\
&+332743261454724676213350 z^{42} \\
&+285207603681523502730240 z^{41} \\
&+233871304311119560680126 z^{40} \\
&+183427742549374204723200 z^{39} \\
&+137570972106088130895180 z^{38} \\
&+98636104128431515852800 z^{37} \\
&+67583482786539025045740 z^{36} \\
&+44236899697172391936000 z^{35} \\
&+27647846917592060471490 z^{34} \\
&+16491694882852505856000 z^{33} \\
&+9383333990756523639930 z^{32} \\
&+5089117807573263360000 z^{31} \\
&+2629480511261728345584 z^{30} \\
&+1293144535421176320000 z^{29}
\end{aligned}$$

$$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$$

		$+604856260636904409840 z^{28}$ $+268846124595840000000 z^{27}$ $+113397436344171724245 z^{26}$ $+45373740084921600000 z^{25}$ $+17180134470131618745 z^{24} + 6155741746944000000 z^{23}$ $+2082790534244404590 z^{22} + 662827784832000000 z^{21}$ $+199863397415792286 z^{20} + 55678268160000000 z^{19}$ $+15010790668224615 z^{18} + 3560432040000000 z^{17}$ $+873004498779195 z^{16} + 167032800000000 z^{15}$ $+38938702472820 z^{14} + 5410800000000 z^{13}$ $+1318989706740 z^{12} + 108000000000 z^{11}$ $+33505791759 z^{10} + 1000000000 z^9 + 626110155 z^8$ $+8336790 z^6 + 74790 z^4 + 405 z^2 + 1$	
		$z^{90} + 90 z^{88} + 270 z^{87} + 11205 z^{86} + 167940 z^{85} + 2426625 z^{84}$ $+29242710 z^{83} + 302656500 z^{82} + 2758749040 z^{81}$ $+22347100233 z^{80} + 162515555820 z^{79}$ $+1069916807970 z^{78} + 6419492678520 z^{77}$ $+35307048897090 z^{76} + 178889321507244 z^{75}$ $+838544026415445 z^{74} + 3650131799397360 z^{73}$ $+14803313514805260 z^{72} + 56096766491036670 z^{71}$ $+199143510145025085 z^{70} + 663811719656851380 z^{69}$ $+2081954977004222865 z^{68} + 6155345060579562390 z^{67}$ $+17183671553274737130 z^{66}$ $+45364893132238799040 z^{65}$ $+113412232884570336045 z^{64}$ $+268828996111016850000 z^{63}$ $+604865241387783531000 z^{62}$ $+1293160171403507444640 z^{61}$ $+2629425681334964464824 z^{60}$ $+5089210996856947177680 z^{59}$ $+9383232776224135663890 z^{58}$	

$\{[90, 2, 82]\}$  $x^8+x^7+x^6+x^5+x^3+x^2+1$ 

+16491742452958061138880  $z^{57}$   
+27647921170881691336620  $z^{56}$   
+44236673876745370628892  $z^{55}$   
+67583807310325019433930  $z^{54}$   
+98635826882820013360200  $z^{53}$   
+137571021708315538215330  $z^{52}$   
+183428028943567529818860  $z^{51}$   
+233870736899234463721488  $z^{50}$   
+285208215736065115860000  $z^{49}$   
+332742918360209796310050  $z^{48}$   
+371433955370955762717000  $z^{47}$   
+396758997785533628587500  $z^{46}$   
+405575864409721932323280  $z^{45}$   
+396758997785533628587500  $z^{44}$   
+371433955370955762717000  $z^{43}$   
+332742918360209796310050  $z^{42}$   
+285208215736065115860000  $z^{41}$   
+233870736899234463721488  $z^{40}$   
+183428028943567529818860  $z^{39}$   
+137571021708315538215330  $z^{38}$   
+98635826882820013360200  $z^{37}$   
+67583807310325019433930  $z^{36}$   
+44236673876745370628892  $z^{35}$   
+27647921170881691336620  $z^{34}$   
+16491742452958061138880  $z^{33}$   
+9383232776224135663890  $z^{32}$   
+5089210996856947177680  $z^{31}$   
+2629425681334964464824  $z^{30}$   
+1293160171403507444640  $z^{29}$   
+604865241387783531000  $z^{28}$   
+268828996111016850000  $z^{27}$

 $\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+113412232884570336045 z^{26}$ $+45364893132238799040 z^{25}$ $+17183671553274737130 z^{24} + 6155345060579562390 z^{23}$ $+2081954977004222865 z^{22} + 663811719656851380 z^{21}$ $+199143510145025085 z^{20} + 56096766491036670 z^{19}$ $+14803313514805260 z^{18} + 3650131799397360 z^{17}$ $+838544026415445 z^{16} + 178889321507244 z^{15}$ $+35307048897090 z^{14} + 6419492678520 z^{13}$ $+1069916807970 z^{12} + 162515555820 z^{11}$ $+22347100233 z^{10} + 2758749040 z^9 + 302656500 z^8$ $+29242710 z^7 + 2426625 z^6 + 167940 z^5 + 11205 z^4 + 270 z^3$ $+90 z^2 + 1$	
		$z^{90} + 225 z^{88} + 23850 z^{86} + 139968 z^{85} + 2982570 z^{84}$ $+ 27527040 z^{83} + 315881415 z^{82} + 2708536320 z^{81}$ $+ 22514544423 z^{80} + 161995282560 z^{79}$ $+ 1070855444220 z^{78} + 6418277205120 z^{77}$ $+ 35306534251260 z^{76} + 178899473517696 z^{75}$ $+ 838518056467155 z^{74} + 3650175742786560 z^{73}$ $+ 14803277862978035 z^{72} + 56096654628574080 z^{71}$ $+ 199143887227426530 z^{70} + 663811155327622080 z^{69}$ $+ 2081955383978298210 z^{68} + 6155346143922716160 z^{67}$ $+ 17183667917673134805 z^{66}$ $+ 45364897112976396288 z^{65}$ $+ 113412232478372802165 z^{64}$ $+ 268828987354102940160 z^{63}$ $+ 604865262248407838160 z^{62}$ $+ 1293160156306563479040 z^{61}$ $+ 2629425665520247875024 z^{60}$ $+ 5089211044782509652480 z^{59}$ $+ 9383232713587895471130 z^{58}$ $+ 16491742471374176686080 z^{57}$	

$$\{[90, 2, 82]\}$$

$$x^8+x^7+x^6+x^4+1$$

$$\begin{aligned}
&+27647921267858209011930 z^{56} \\
&+44236673719666062902784 z^{55} \\
&+67583807393308217617780 z^{54} \\
&+98635826956453191745920 z^{53} \\
&+137571021445335359509620 z^{52} \\
&+183428029220033624858880 z^{51} \\
&+233870736930457467556278 z^{50} \\
&+285208215398955994982400 z^{49} \\
&+332742918734974279523190 z^{48} \\
&+371433955204822146359040 z^{47} \\
&+396758997523475696068200 z^{46} \\
&+405575864936311441591040 z^{45} \\
&+396758997523475696068200 z^{44} \\
&+371433955204822146359040 z^{43} \\
&+332742918734974279523190 z^{42} \\
&+285208215398955994982400 z^{41} \\
&+233870736930457467556278 z^{40} \\
&+183428029220033624858880 z^{39} \\
&+137571021445335359509620 z^{38} \\
&+98635826956453191745920 z^{37} \\
&+67583807393308217617780 z^{36} \\
&+44236673719666062902784 z^{35} \\
&+27647921267858209011930 z^{34} \\
&+16491742471374176686080 z^{33} \\
&+9383232713587895471130 z^{32} \\
&+5089211044782509652480 z^{31} \\
&+2629425665520247875024 z^{30} \\
&+1293160156306563479040 z^{29} \\
&+604865262248407838160 z^{28} \\
&+268828987354102940160 z^{27} \\
&+113412232478372802165 z^{26}
\end{aligned}$$

$$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$$

		$ \begin{aligned} &+45364897112976396288 z^{25} \\ &+17183667917673134805 z^{24} + 6155346143922716160 z^{23} \\ &+2081955383978298210 z^{22} + 663811155327622080 z^{21} \\ &+199143887227426530 z^{20} + 56096654628574080 z^{19} \\ &+14803277862978035 z^{18} + 3650175742786560 z^{17} \\ &+838518056467155 z^{16} + 178899473517696 z^{15} \\ &+35306534251260 z^{14} + 6418277205120 z^{13} \\ &+1070855444220 z^{12} + 161995282560 z^{11} \\ &+22514544423 z^{10} + 2708536320 z^9 + 315881415 z^8 \\ &+27527040 z^7 + 2982570 z^6 + 139968 z^5 + 23850 z^4 + 225 z^2 \\ &+1 \end{aligned} $	
		$ \begin{aligned} &z^{90} + 225 z^{88} + 1080 z^{87} + 23850 z^{86} + 228528 z^{85} + 2749290 z^{84} \\ &+ 30501720 z^{83} + 304917255 z^{82} + 2759828800 z^{81} \\ &+ 22333596903 z^{80} + 162442396080 z^{79} \\ &+ 1069782416700 z^{78} + 6419503908000 z^{77} \\ &+ 35307668570940 z^{76} + 178891320893616 z^{75} \\ &+ 838546430074515 z^{74} + 3650127373396800 z^{73} \\ &+ 14803295517245235 z^{72} + 56096746102896120 z^{71} \\ &+ 199143521384963490 z^{70} + 663811817847897840 z^{69} \\ &+ 2081955149215524450 z^{68} + 6155345035315062360 z^{67} \\ &+ 17183671032296255445 z^{66} \\ &+ 45364892429777303808 z^{65} \\ &+ 113412232898209836405 z^{64} \\ &+ 268828997759822786880 z^{63} \\ &+ 604865244324718403280 z^{62} \\ &+ 1293160171726388154240 z^{61} \\ &+ 2629425675034170016464 z^{60} \\ &+ 5089210988974798236480 z^{59} \\ &+ 9383232777723165286170 z^{58} \\ &+ 16491742466705363508480 z^{57} \\ &+ 27647921187340286601690 z^{56} \end{aligned} $	

$$\{[90, 2, 82]\}$$

$$x^8+x^7+x^5+x^4+x^3+x+1$$

$$\begin{aligned}
&+44236673875949242238064 z^{55} \\
&+67583807278987929570420 z^{54} \\
&+98635826849705360200800 z^{53} \\
&+137571021722103477019380 z^{52} \\
&+183428028996893354393520 z^{51} \\
&+233870736934680825625398 z^{50} \\
&+285208215716766119909760 z^{49} \\
&+332742918293976317931510 z^{48} \\
&+371433955318106064924960 z^{47} \\
&+396758997819615138077160 z^{46} \\
&+405575864500820372076480 z^{45} \\
&+396758997819615138077160 z^{44} \\
&+371433955318106064924960 z^{43} \\
&+332742918293976317931510 z^{42} \\
&+285208215716766119909760 z^{41} \\
&+233870736934680825625398 z^{40} \\
&+183428028996893354393520 z^{39} \\
&+137571021722103477019380 z^{38} \\
&+98635826849705360200800 z^{37} \\
&+67583807278987929570420 z^{36} \\
&+44236673875949242238064 z^{35} \\
&+27647921187340286601690 z^{34} \\
&+16491742466705363508480 z^{33} \\
&+9383232777723165286170 z^{32} \\
&+5089210988974798236480 z^{31} \\
&+2629425675034170016464 z^{30} \\
&+1293160171726388154240 z^{29} \\
&+604865244324718403280 z^{28} \\
&+268828997759822786880 z^{27} \\
&+113412232898209836405 z^{26} \\
&+45364892429777303808 z^{25}
\end{aligned}$$

$$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$$



		$ \begin{aligned} &+17183671032296255445 z^{24}+6155345035315062360 z^{23} \\ &+2081955149215524450 z^{22}+663811817847897840 z^{21} \\ &+199143521384963490 z^{20}+56096746102896120 z^{19} \\ &+14803295517245235 z^{18}+3650127373396800 z^{17} \\ &+838546430074515 z^{16}+178891320893616 z^{15} \\ &+35307668570940 z^{14}+6419503908000 z^{13} \\ &+1069782416700 z^{12}+162442396080 z^{11} \\ &+22333596903 z^{10}+2759828800 z^9+304917255 z^8 \\ &+30501720 z^7+2749290 z^6+228528 z^5+23850 z^4+1080 z^3 \\ &+225 z^2+1 \end{aligned} $	
$\{[90, 2, 82]\}$	$x^8+x^7+x^4+x^3+x^2+1$	$ \begin{aligned} &135 z^{88}+21150 z^{86}+4864740 z^{84}+605323170 z^{82} \\ &+44694381267 z^{80}+2139825651420 z^{78} \\ &+70614158783040 z^{76}+1677087901012500 z^{74} \\ &+29606626423330585 z^{72}+398287026996366942 z^{70} \\ &+4163909924924923500 z^{68}+34367343183300210930 z^{66} \\ &+226824465647499545925 z^{64} \\ &+1209730482829533638160 z^{62} \\ &+5258851362956777701056 z^{60} \\ &+18766465551519988382640 z^{58} \\ &+55295842343314627442790 z^{56} \\ &+135167614619056230694780 z^{54} \\ &+275142043417449965063400 z^{52} \\ &+467741473798636939270212 z^{50} \\ &+665485836720173969500350 z^{48} \\ &+793517995569971933821800 z^{46} \\ &+793517995574088649185600 z^{44} \\ &+665485836716400313750200 z^{42} \\ &+467741473801806810100338 z^{40} \\ &+275142043415011602886380 z^{38} \\ &+135167614620772115189720 z^{36} \\ &+55295842342211558838900 z^{34} \end{aligned} $	$\left\{\left[45, \frac{3 \sqrt{10}}{2}\right]\right\}$

		$+18766465552166614805610 z^{32}$ $+5258851362611910275472 z^{30}$ $+1209730482996404973120 z^{28}$ $+226824465574493336880 z^{26}$ $+34367343212060232675 z^{24} + 4163909914774327590 z^{22}$ $+398287030186554228 z^{20} + 29606625537167450 z^{18}$ $+1677088116565695 z^{16} + 70614113403420 z^{14}$ $+2139833796480 z^{12} + 44693159508 z^{10} + 605472165 z^8$ $+4850550 z^6 + 22140 z^4 + 90 z^2 + 1$	
		$z^{90} + 90 z^{88} + 16065 z^{86} + 116640 z^{85} + 2826765 z^{84}$ $+ 26788320 z^{83} + 314916660 z^{82} + 2708043840 z^{81}$ $+ 22520253033 z^{80} + 162037769760 z^{79}$ $+ 1070917981530 z^{78} + 6418233126720 z^{77}$ $+ 35306300990970 z^{76} + 178898540929824 z^{75}$ $+ 838516501986165 z^{74} + 3650178307083840 z^{73}$ $+ 14803287367174220 z^{72} + 56096662437139680 z^{71}$ $+ 199143883953136665 z^{70} + 663811111577652000 z^{69}$ $+ 2081955282718287645 z^{68} + 6155346159147081600 z^{67}$ $+ 17183668216494157290 z^{66}$ $+ 45364897413923155200 z^{65}$ $+ 113412232441615524525 z^{64}$ $+ 268828986675862270080 z^{63}$ $+ 604865260652506288920 z^{62}$ $+ 1293160155975593660160 z^{61}$ $+ 2629425669228148858584 z^{60}$ $+ 5089211048520199716480 z^{59}$ $+ 9383232711684741904530 z^{58}$ $+ 16491742465780839870720 z^{57}$ $+ 27647921260999922686380 z^{56}$ $+ 44236673717293063631232 z^{55}$ $+ 67583807408493217865410 z^{54}$	

$\{[90, 2, 82]\}$

$x^8+x^7+x^4+x+1$

+98635826976414381829440  $z^{53}$   
+137571021436848716417850  $z^{52}$   
+183428029191762267355200  $z^{51}$   
+233870736916415480200848  $z^{50}$   
+285208215405783843150720  $z^{49}$   
+332742918764116469879010  $z^{48}$   
+371433955238981981415360  $z^{47}$   
+396758997508161263353020  $z^{46}$   
+405575864880868405838720  $z^{45}$   
+396758997508161263353020  $z^{44}$   
+371433955238981981415360  $z^{43}$   
+332742918764116469879010  $z^{42}$   
+285208215405783843150720  $z^{41}$   
+233870736916415480200848  $z^{40}$   
+183428029191762267355200  $z^{39}$   
+137571021436848716417850  $z^{38}$   
+98635826976414381829440  $z^{37}$   
+67583807408493217865410  $z^{36}$   
+44236673717293063631232  $z^{35}$   
+27647921260999922686380  $z^{34}$   
+16491742465780839870720  $z^{33}$   
+9383232711684741904530  $z^{32}$   
+5089211048520199716480  $z^{31}$   
+2629425669228148858584  $z^{30}$   
+1293160155975593660160  $z^{29}$   
+604865260652506288920  $z^{28}$   
+268828986675862270080  $z^{27}$   
+113412232441615524525  $z^{26}$   
+45364897413923155200  $z^{25}$   
+17183668216494157290  $z^{24}$ +6155346159147081600  $z^{23}$   
+2081955282718287645  $z^{22}$ +66381111577652000  $z^{21}$

$\left\{ \left[ 45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+199143883953136665 z^{20} + 56096662437139680 z^{19}$ $+14803287367174220 z^{18} + 3650178307083840 z^{17}$ $+838516501986165 z^{16} + 178898540929824 z^{15}$ $+35306300990970 z^{14} + 6418233126720 z^{13}$ $+1070917981530 z^{12} + 162037769760 z^{11}$ $+22520253033 z^{10} + 2708043840 z^9 + 314916660 z^8$ $+26788320 z^7 + 2826765 z^6 + 116640 z^5 + 16065 z^4 + 90 z^2$ $+1$	
$\{[93, 2, 85]\}$	$x^8 + x^3 + x^2 + 1$	$930 z^{90} + 405015 z^{88} + 74027814 z^{86} + 7514393180 z^{84}$ $+476271256644 z^{82} + 20278232816787 z^{80}$ $+610278024416028 z^{78} + 13475477180846160 z^{76}$ $+224591289028396290 z^{74} + 2888671762390657225 z^{72}$ $+29183577169885685622 z^{70}$ $+234927796298831718660 z^{68}$ $+1524688090785205594224 z^{66}$ $+8055310233935297684805 z^{64}$ $+34923667594144234635408 z^{62}$ $+125076998902812383872896 z^{60}$ $+372077795055988713000324 z^{58}$ $+923490383223768830479878 z^{56}$ $+1919264764053564356625100 z^{54}$ $+3349351069957966709985624 z^{52}$ $+4918316189096157112193112 z^{50}$ $+6085795284502465967630910 z^{48}$ $+6350395079467152299370600 z^{46}$ $+5588995669438221519876000 z^{44}$ $+4146815610417961234786644 z^{42}$ $+2591007431474749067213778 z^{40}$ $+1360933196328980462633244 z^{38}$ $+599458669813181325445448 z^{36}$ $+220724115709702463024880 z^{34}$	$\left\{ \left[ \frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+67664605964833477939818 z^{32}$ $+17184661831558034905872 z^{30}$ $+3593907642989527330560 z^{28}$ $+614426544014696460954 z^{26}$ $+85118766780277786035 z^{24} + 9453834855031562190 z^{22}$ $+830987769442263948 z^{20} + 56896458842773508 z^{18}$ $+2975105668468095 z^{16} + 115875512315100 z^{14}$ $+3254538779024 z^{12} + 63119649258 z^{10} + 795725205 z^8$ $+5940654 z^6 + 24180 z^4 + 1$	
$\{[93, 2, 85]\}$	$x^8 + x^6 + x^4 + x^2 + x + 1$	$930 z^{90} + 405015 z^{88} + 74027814 z^{86} + 7514393180 z^{84}$ $+ 476271256644 z^{82} + 20278232816787 z^{80}$ $+ 610278024416028 z^{78} + 13475477180846160 z^{76}$ $+ 224591289028396290 z^{74} + 2888671762390657225 z^{72}$ $+ 29183577169885685622 z^{70}$ $+ 234927796298831718660 z^{68}$ $+ 1524688090785205594224 z^{66}$ $+ 8055310233935297684805 z^{64}$ $+ 34923667594144234635408 z^{62}$ $+ 125076998902812383872896 z^{60}$ $+ 372077795055988713000324 z^{58}$ $+ 923490383223768830479878 z^{56}$ $+ 1919264764053564356625100 z^{54}$ $+ 3349351069957966709985624 z^{52}$ $+ 4918316189096157112193112 z^{50}$ $+ 6085795284502465967630910 z^{48}$ $+ 6350395079467152299370600 z^{46}$ $+ 5588995669438221519876000 z^{44}$ $+ 4146815610417961234786644 z^{42}$ $+ 2591007431474749067213778 z^{40}$ $+ 1360933196328980462633244 z^{38}$ $+ 599458669813181325445448 z^{36}$	$\left\{ \left[ \frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+220724115709702463024880 z^{34}$ $+67664605964833477939818 z^{32}$ $+17184661831558034905872 z^{30}$ $+3593907642989527330560 z^{28}$ $+614426544014696460954 z^{26}$ $+85118766780277786035 z^{24} + 9453834855031562190 z^{22}$ $+830987769442263948 z^{20} + 56896458842773508 z^{18}$ $+2975105668468095 z^{16} + 115875512315100 z^{14}$ $+3254538779024 z^{12} + 63119649258 z^{10} + 795725205 z^8$ $+5940654 z^6 + 24180 z^4 + 1$	
$\{[93, 2, 85]\}$	$x^8 + x^6 + x^5 + 1$	$930 z^{90} + 405015 z^{88} + 74027814 z^{86} + 7514393180 z^{84}$ $+476271256644 z^{82} + 20278232816787 z^{80}$ $+610278024416028 z^{78} + 13475477180846160 z^{76}$ $+224591289028396290 z^{74} + 2888671762390657225 z^{72}$ $+29183577169885685622 z^{70}$ $+234927796298831718660 z^{68}$ $+1524688090785205594224 z^{66}$ $+8055310233935297684805 z^{64}$ $+34923667594144234635408 z^{62}$ $+125076998902812383872896 z^{60}$ $+372077795055988713000324 z^{58}$ $+923490383223768830479878 z^{56}$ $+1919264764053564356625100 z^{54}$ $+3349351069957966709985624 z^{52}$ $+4918316189096157112193112 z^{50}$ $+6085795284502465967630910 z^{48}$ $+6350395079467152299370600 z^{46}$ $+5588995669438221519876000 z^{44}$ $+4146815610417961234786644 z^{42}$ $+2591007431474749067213778 z^{40}$ $+1360933196328980462633244 z^{38}$	$\left\{ \left[ \frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+599458669813181325445448 z^{36}$ $+220724115709702463024880 z^{34}$ $+67664605964833477939818 z^{32}$ $+17184661831558034905872 z^{30}$ $+3593907642989527330560 z^{28}$ $+614426544014696460954 z^{26}$ $+85118766780277786035 z^{24} + 9453834855031562190 z^{22}$ $+830987769442263948 z^{20} + 56896458842773508 z^{18}$ $+2975105668468095 z^{16} + 115875512315100 z^{14}$ $+3254538779024 z^{12} + 63119649258 z^{10} + 795725205 z^8$ $+5940654 z^6 + 24180 z^4 + 1$	
$\{[93, 2, 85]\}$	$x^8 + x^7 + x^6 + x^5 + x + 1$	$930 z^{90} + 405015 z^{88} + 74027814 z^{86} + 7514393180 z^{84}$ $+ 476271256644 z^{82} + 20278232816787 z^{80}$ $+ 610278024416028 z^{78} + 13475477180846160 z^{76}$ $+ 224591289028396290 z^{74} + 2888671762390657225 z^{72}$ $+ 29183577169885685622 z^{70}$ $+ 234927796298831718660 z^{68}$ $+ 1524688090785205594224 z^{66}$ $+ 8055310233935297684805 z^{64}$ $+ 34923667594144234635408 z^{62}$ $+ 125076998902812383872896 z^{60}$ $+ 372077795055988713000324 z^{58}$ $+ 923490383223768830479878 z^{56}$ $+ 1919264764053564356625100 z^{54}$ $+ 3349351069957966709985624 z^{52}$ $+ 4918316189096157112193112 z^{50}$ $+ 6085795284502465967630910 z^{48}$ $+ 6350395079467152299370600 z^{46}$ $+ 5588995669438221519876000 z^{44}$ $+ 4146815610417961234786644 z^{42}$ $+ 2591007431474749067213778 z^{40}$	$\left\{ \left[ \frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+1360933196328980462633244 z^{38}$ $+599458669813181325445448 z^{36}$ $+220724115709702463024880 z^{34}$ $+67664605964833477939818 z^{32}$ $+17184661831558034905872 z^{30}$ $+3593907642989527330560 z^{28}$ $+614426544014696460954 z^{26}$ $+85118766780277786035 z^{24} + 9453834855031562190 z^{22}$ $+830987769442263948 z^{20} + 56896458842773508 z^{18}$ $+2975105668468095 z^{16} + 115875512315100 z^{14}$ $+3254538779024 z^{12} + 63119649258 z^{10} + 795725205 z^8$ $+5940654 z^6 + 24180 z^4 + 1$	
$\{[93, 2, 85]\}$	$x^8 + x^7 + x^6 + x^4 + x^2 + 1$	$930 z^{90} + 405015 z^{88} + 74027814 z^{86} + 7514393180 z^{84}$ $+ 476271256644 z^{82} + 20278232816787 z^{80}$ $+ 610278024416028 z^{78} + 13475477180846160 z^{76}$ $+ 224591289028396290 z^{74} + 2888671762390657225 z^{72}$ $+ 29183577169885685622 z^{70}$ $+ 234927796298831718660 z^{68}$ $+ 1524688090785205594224 z^{66}$ $+ 8055310233935297684805 z^{64}$ $+ 34923667594144234635408 z^{62}$ $+ 125076998902812383872896 z^{60}$ $+ 372077795055988713000324 z^{58}$ $+ 923490383223768830479878 z^{56}$ $+ 1919264764053564356625100 z^{54}$ $+ 3349351069957966709985624 z^{52}$ $+ 4918316189096157112193112 z^{50}$ $+ 6085795284502465967630910 z^{48}$ $+ 6350395079467152299370600 z^{46}$ $+ 5588995669438221519876000 z^{44}$ $+ 4146815610417961234786644 z^{42}$	$\left\{ \left[ \frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$



		$ \begin{aligned} &+2591007431474749067213778 z^{40} \\ &+1360933196328980462633244 z^{38} \\ &+599458669813181325445448 z^{36} \\ &+220724115709702463024880 z^{34} \\ &+67664605964833477939818 z^{32} \\ &+17184661831558034905872 z^{30} \\ &+3593907642989527330560 z^{28} \\ &+614426544014696460954 z^{26} \\ &+85118766780277786035 z^{24} + 9453834855031562190 z^{22} \\ &+830987769442263948 z^{20} + 56896458842773508 z^{18} \\ &+2975105668468095 z^{16} + 115875512315100 z^{14} \\ &+3254538779024 z^{12} + 63119649258 z^{10} + 795725205 z^8 \\ &+5940654 z^6 + 24180 z^4 + 1 \end{aligned} $	
$\{[93, 2, 85]\}$	$x^8 + x^7 + x^3 + x^2 + x + 1$	$ \begin{aligned} &930 z^{90} + 405015 z^{88} + 74027814 z^{86} + 7514393180 z^{84} \\ &+ 476271256644 z^{82} + 20278232816787 z^{80} \\ &+ 610278024416028 z^{78} + 13475477180846160 z^{76} \\ &+ 224591289028396290 z^{74} + 2888671762390657225 z^{72} \\ &+ 29183577169885685622 z^{70} \\ &+ 234927796298831718660 z^{68} \\ &+ 1524688090785205594224 z^{66} \\ &+ 8055310233935297684805 z^{64} \\ &+ 34923667594144234635408 z^{62} \\ &+ 125076998902812383872896 z^{60} \\ &+ 372077795055988713000324 z^{58} \\ &+ 923490383223768830479878 z^{56} \\ &+ 1919264764053564356625100 z^{54} \\ &+ 3349351069957966709985624 z^{52} \\ &+ 4918316189096157112193112 z^{50} \\ &+ 6085795284502465967630910 z^{48} \\ &+ 6350395079467152299370600 z^{46} \\ &+ 5588995669438221519876000 z^{44} \end{aligned} $	$ \left\{ \left[ \frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\} $

		$+4146815610417961234786644 z^{42}$ $+2591007431474749067213778 z^{40}$ $+1360933196328980462633244 z^{38}$ $+599458669813181325445448 z^{36}$ $+220724115709702463024880 z^{34}$ $+67664605964833477939818 z^{32}$ $+17184661831558034905872 z^{30}$ $+3593907642989527330560 z^{28}$ $+614426544014696460954 z^{26}$ $+85118766780277786035 z^{24} + 9453834855031562190 z^{22}$ $+830987769442263948 z^{20} + 56896458842773508 z^{18}$ $+2975105668468095 z^{16} + 115875512315100 z^{14}$ $+3254538779024 z^{12} + 63119649258 z^{10} + 795725205 z^8$ $+5940654 z^6 + 24180 z^4 + 1$	
		$z^{96} + 528 z^{94} + 125928 z^{92} + 17936688 z^{90} + 1700756244 z^{88}$ $+ 113398040976 z^{86} + 5484203181080 z^{84}$ $+ 196150703630640 z^{82} + 5263398060258690 z^{80}$ $+ 107398250955983856 z^{78} + 1690675072740799992 z^{76}$ $+ 20838143933549655504 z^{74}$ $+ 203904070081016233924 z^{72}$ $+ 1603704453933699363312 z^{70}$ $+ 10246198056543962887176 z^{68}$ $+ 53657282941566999284304 z^{66}$ $+ 232045135856270551533807 z^{64}$ $+ 833871734618396021345952 z^{62}$ $+ 2502940063665744863519888 z^{60}$ $+ 6301859740434615537792480 z^{58}$ $+ 13355095424816899122430248 z^{56}$ $+ 23887154144642669898442656 z^{54}$ $+ 36133735557672294162301296 z^{52}$ $+ 46293084902436267655540704 z^{50}$	

{[96, 2, 88]}	$x^8 + 1$	$ \begin{aligned} &+50273968950649691082689308 z^{48} \\ &+46293084902436267655540704 z^{46} \\ &+36133735557672294162301296 z^{44} \\ &+23887154144642669898442656 z^{42} \\ &+13355095424816899122430248 z^{40} \\ &+6301859740434615537792480 z^{38} \\ &+2502940063665744863519888 z^{36} \\ &+833871734618396021345952 z^{34} \\ &+232045135856270551533807 z^{32} \\ &+53657282941566999284304 z^{30} \\ &+10246198056543962887176 z^{28} \\ &+1603704453933699363312 z^{26} \\ &+203904070081016233924 z^{24} \\ &+20838143933549655504 z^{22} + 1690675072740799992 z^{20} \\ &+107398250955983856 z^{18} + 5263398060258690 z^{16} \\ &+196150703630640 z^{14} + 5484203181080 z^{12} \\ &+113398040976 z^{10} + 1700756244 z^8 + 17936688 z^6 \\ &+125928 z^4 + 528 z^2 + 1 \end{aligned} $	{[48, 2 $\sqrt{6}$ ]}
		$ \begin{aligned} &z^{96} + 336 z^{94} + 2048 z^{93} + 52584 z^{92} + 559104 z^{91} + 6661360 z^{90} \\ &+ 70275072 z^{89} + 671203860 z^{88} + 5931814912 z^{87} \\ &+ 48256188624 z^{86} + 361976936448 z^{85} \\ &+ 2503483743896 z^{84} + 15964252157952 z^{83} \\ &+ 93996619114224 z^{82} + 512133110554624 z^{81} \\ &+ 2588792537653122 z^{80} + 12175369681625088 z^{79} \\ &+ 53426699113007280 z^{78} + 219325803968698368 z^{77} \\ &+ 844424156804977272 z^{76} + 3056089799292426240 z^{75} \\ &+ 10418654476352975376 z^{74} \\ &+ 33521113708844421120 z^{73} \\ &+ 101960175459822729924 z^{72} \\ &+ 293644989733756342272 z^{71} \\ &+ 801875587520375968944 z^{70} \end{aligned} $	

$\{[96, 2, 88]\}$

$x^8 + x^4 + 1$

+2078934826634056968192  $z^{69}$   
+5123087711871956321160  $z^{68}$   
+12012757923964526241792  $z^{67}$   
+26828497543747887281808  $z^{66}$   
+57118745786522842595328  $z^{65}$   
+116022461098811677130991  $z^{64}$   
+225013257723560700837888  $z^{63}$   
+416936314340013031620384  $z^{62}$   
+738572869940963263696896  $z^{61}$   
+1251470669527300678699920  $z^{60}$   
+2029411897346808502407168  $z^{59}$   
+3150929040973995492029280  $z^{58}$   
+4685997104634958718803968  $z^{57}$   
+6677545927027000828182312  $z^{56}$   
+9120550524566794590068736  $z^{55}$   
+11943577983328060998098976  $z^{54}$   
+14998911770630196478390272  $z^{53}$   
+18066870927651577743176304  $z^{52}$   
+20877273105097763630985216  $z^{51}$   
+23146542043649206713473376  $z^{50}$   
+24623981032635218984386560  $z^{49}$   
+25136980695062052261807900  $z^{48}$   
+24623981032635218984386560  $z^{47}$   
+23146542043649206713473376  $z^{46}$   
+20877273105097763630985216  $z^{45}$   
+18066870927651577743176304  $z^{44}$   
+14998911770630196478390272  $z^{43}$   
+11943577983328060998098976  $z^{42}$   
+9120550524566794590068736  $z^{41}$   
+6677545927027000828182312  $z^{40}$   
+4685997104634958718803968  $z^{39}$

$\{[48, 2\sqrt{6}]\}$

		$+3150929040973995492029280 z^{38}$ $+2029411897346808502407168 z^{37}$ $+1251470669527300678699920 z^{36}$ $+738572869940963263696896 z^{35}$ $+416936314340013031620384 z^{34}$ $+225013257723560700837888 z^{33}$ $+116022461098811677130991 z^{32}$ $+57118745786522842595328 z^{31}$ $+26828497543747887281808 z^{30}$ $+12012757923964526241792 z^{29}$ $+5123087711871956321160 z^{28}$ $+2078934826634056968192 z^{27}$ $+801875587520375968944 z^{26}$ $+293644989733756342272 z^{25}$ $+101960175459822729924 z^{24}$ $+33521113708844421120 z^{23}$ $+10418654476352975376 z^{22} + 3056089799292426240 z^{21}$ $+844424156804977272 z^{20} + 219325803968698368 z^{19}$ $+53426699113007280 z^{18} + 12175369681625088 z^{17}$ $+2588792537653122 z^{16} + 512133110554624 z^{15}$ $+93996619114224 z^{14} + 15964252157952 z^{13}$ $+2503483743896 z^{12} + 361976936448 z^{11}$ $+48256188624 z^{10} + 5931814912 z^9 + 671203860 z^8$ $+70275072 z^7 + 6661360 z^6 + 559104 z^5 + 52584 z^4 + 2048 z^3$ $+336 z^2 + 1$	
		$z^{96} + 336 z^{94} + 77160 z^{92} + 11281648 z^{90} + 1207206420 z^{88}$ $+ 92372173008 z^{86} + 4942823489176 z^{84}$ $+ 187468849129200 z^{82} + 5175736124252034 z^{80}$ $+ 106855984643180720 z^{78} + 1688886984692052600 z^{76}$ $+ 20837356948437332496 z^{74}$ $+ 203920017190747093700 z^{72}$	

$\{[96, 2, 88]\}$	$x^8 + x^6 + x^2 + 1$	$ \begin{aligned} &+1603750482985859077296 z^{70} \\ &+10246177371664394904456 z^{68} \\ &+53656999400775884322448 z^{66} \\ &+232044913239795615711471 z^{64} \\ &+833872613162419714064160 z^{62} \\ &+2502941370548053934803856 z^{60} \\ &+6301858115779860434891616 z^{58} \\ &+13355091774463841603469096 z^{56} \\ &+23887155924127452981633056 z^{54} \\ &+36133741995726172332405360 z^{52} \\ &+46293084107911909249931616 z^{50} \\ &+50273961219944504899815196 z^{48} \\ &+46293084107911909249931616 z^{46} \\ &+36133741995726172332405360 z^{44} \\ &+23887155924127452981633056 z^{42} \\ &+13355091774463841603469096 z^{40} \\ &+6301858115779860434891616 z^{38} \\ &+2502941370548053934803856 z^{36} \\ &+833872613162419714064160 z^{34} \\ &+232044913239795615711471 z^{32} \\ &+53656999400775884322448 z^{30} \\ &+10246177371664394904456 z^{28} \\ &+1603750482985859077296 z^{26} \\ &+203920017190747093700 z^{24} \\ &+20837356948437332496 z^{22} + 1688886984692052600 z^{20} \\ &+106855984643180720 z^{18} + 5175736124252034 z^{16} \\ &+187468849129200 z^{14} + 4942823489176 z^{12} \\ &+92372173008 z^{10} + 1207206420 z^8 + 11281648 z^6 \\ &+77160 z^4 + 336 z^2 + 1 \end{aligned} $	$\{[48, 2\sqrt{6}]\}$
		$ \begin{aligned} &z^{96} + 336 z^{94} + 64872 z^{92} + 10282224 z^{90} + 1189290516 z^{88} \\ &+ 92317761744 z^{86} + 4943593320088 z^{84} \end{aligned} $	

$\{[96, 2, 88]\}$  $x^8 + x^7 + x^6 + x^2 + x + 1$ 
$$\begin{aligned} &+187471713806064 z^{82} + 5175714606145410 z^{80} \\ &+106855941902665904 z^{78} + 1688887404521071224 z^{76} \\ &+20837356832941584912 z^{74} \\ &+203920012800038656708 z^{72} \\ &+1603750492706266977456 z^{70} \\ &+10246177383631968039816 z^{68} \\ &+53656999320623307536016 z^{66} \\ &+232044913336386958508271 z^{64} \\ &+833872613292800131137312 z^{62} \\ &+2502941370037295446895504 z^{60} \\ &+6301858116214025832837984 z^{58} \\ &+13355091774961541622005544 z^{56} \\ &+23887155922701915454939168 z^{54} \\ &+36133741996626358313718384 z^{52} \\ &+46293084108843488557488480 z^{50} \\ &+50273961217961115335313180 z^{48} \\ &+46293084108843488557488480 z^{46} \\ &+36133741996626358313718384 z^{44} \\ &+23887155922701915454939168 z^{42} \\ &+13355091774961541622005544 z^{40} \\ &+6301858116214025832837984 z^{38} \\ &+2502941370037295446895504 z^{36} \\ &+833872613292800131137312 z^{34} \\ &+232044913336386958508271 z^{32} \\ &+53656999320623307536016 z^{30} \\ &+10246177383631968039816 z^{28} \\ &+1603750492706266977456 z^{26} \\ &+203920012800038656708 z^{24} \\ &+20837356832941584912 z^{22} + 1688887404521071224 z^{20} \\ &+106855941902665904 z^{18} + 5175714606145410 z^{16} \\ &+187471713806064 z^{14} + 4943593320088 z^{12} \end{aligned}$$
 $\{[48, 2\sqrt{6}]\}$

		$+92317761744 z^{10} + 1189290516 z^8 + 10282224 z^6$ $+64872 z^4 + 336 z^2 + 1$	
$\{[96, 2, 88]\}$	$x^8 + x^7 + x^5 + x^3 + x + 1$	$z^{96} + 144 z^{94} + 42216 z^{92} + 7979184 z^{90} + 1048581396 z^{88}$ $+ 88169136144 z^{86} + 4879678665496 z^{84}$ $+ 186947569104048 z^{82} + 5173862089462146 z^{80}$ $+ 106858517411583344 z^{78} + 1688926154320900344 z^{76}$ $+ 20837404913590965840 z^{74}$ $+ 203919677790706995652 z^{72}$ $+ 1603749802777961840496 z^{70}$ $+ 10246179337032246165768 z^{68}$ $+ 53657003606959674483408 z^{66}$ $+ 232044904413092718254319 z^{64}$ $+ 833872597803582233505696 z^{62}$ $+ 2502941401382957539077776 z^{60}$ $+ 6301858150210918420529376 z^{58}$ $+ 13355091695420157354825000 z^{56}$ $+ 23887155879858247890118816 z^{54}$ $+ 36133742137326197885355888 z^{52}$ $+ 46293084129532945507771104 z^{50}$ $+ 50273961047489020674093852 z^{48}$ $+ 46293084129532945507771104 z^{46}$ $+ 36133742137326197885355888 z^{44}$ $+ 23887155879858247890118816 z^{42}$ $+ 13355091695420157354825000 z^{40}$ $+ 6301858150210918420529376 z^{38}$ $+ 2502941401382957539077776 z^{36}$ $+ 833872597803582233505696 z^{34}$ $+ 232044904413092718254319 z^{32}$ $+ 53657003606959674483408 z^{30}$ $+ 10246179337032246165768 z^{28}$ $+ 1603749802777961840496 z^{26}$	$\{[48, 2\sqrt{6}]\}$



		$+203919677790706995652 z^{24}$ $+20837404913590965840 z^{22} + 1688926154320900344 z^{20}$ $+106858517411583344 z^{18} + 5173862089462146 z^{16}$ $+186947569104048 z^{14} + 4879678665496 z^{12}$ $+88169136144 z^{10} + 1048581396 z^8 + 7979184 z^6 + 42216 z^4$ $+144 z^2 + 1$	
$\{[98, 2, 90]\}$	$x^8 + x^4 + x^2 + 1$	$5764801 z^{92} + 1141430598 z^{90} + 108072724347 z^{88}$ $+6338807176828 z^{86} + 254914867790625 z^{84}$ $+7405053205597194 z^{82} + 160727320036435075 z^{80}$ $+2673144720030246504 z^{78} + 34750942797452899311 z^{76}$ $+358841299328356910450 z^{74}$ $+2982246766136396300997 z^{72}$ $+20165668588583004813900 z^{70}$ $+111954231446756717065831 z^{68}$ $+514176891865184231907678 z^{66}$ $+1965970461734387688688325 z^{64}$ $+6291105488984815976867040 z^{62}$ $+16922447348265803612184042 z^{60}$ $+38400938180899192686645788 z^{58}$ $+73724449270455307583612206 z^{56}$ $+120016545367136987125212600 z^{54}$ $+165935919201470154241207178 z^{52}$ $+195062968829988744413354244 z^{50}$ $+195062968886256672953273886 z^{48}$ $+165935919216009174543838576 z^{46}$ $+120016545313963459867962270 z^{44}$ $+73724449290235141656968388 z^{42}$ $+38400938201391262349489546 z^{40}$ $+16922447329350987279925944 z^{38}$ $+6291105488156394086771758 z^{36}$ $+1965970468616146975677660 z^{34}$	$\left\{ \left[ 49, \frac{7\sqrt{2}}{2} \right] \right\}$

		$+514176890004369101579370 z^{32}$ $+111954230234594723548384 z^{30}$ $+20165669233067803830917 z^{28}$ $+2982246860911627500030 z^{26}$ $+358841196866591052775 z^{24}$ $+34750941189628552140 z^{22} + 2673154230898045125 z^{20}$ $+160727310984223634 z^{18} + 7404509615323695 z^{16}$ $+254882828018280 z^{14} + 6353676238147 z^{12}$ $+110721554538 z^{10} + 1319602977 z^8 + 11236092 z^6$ $+74235 z^4 + 294 z^2 + 1$	
$\{[98, 2, 90]\}$	$x^8 + x^6 + x^4 + 1$	$5764801 z^{92} + 1141430598 z^{90} + 108072724347 z^{88}$ $+6338807176828 z^{86} + 254914867790625 z^{84}$ $+7405053205597194 z^{82} + 160727320036435075 z^{80}$ $+2673144720030246504 z^{78} + 34750942797452899311 z^{76}$ $+358841299328356910450 z^{74}$ $+2982246766136396300997 z^{72}$ $+20165668588583004813900 z^{70}$ $+111954231446756717065831 z^{68}$ $+514176891865184231907678 z^{66}$ $+1965970461734387688688325 z^{64}$ $+6291105488984815976867040 z^{62}$ $+16922447348265803612184042 z^{60}$ $+38400938180899192686645788 z^{58}$ $+73724449270455307583612206 z^{56}$ $+120016545367136987125212600 z^{54}$ $+165935919201470154241207178 z^{52}$ $+195062968829988744413354244 z^{50}$ $+195062968886256672953273886 z^{48}$ $+165935919216009174543838576 z^{46}$ $+120016545313963459867962270 z^{44}$ $+73724449290235141656968388 z^{42}$	$\left\{ \left[ 49, \frac{7\sqrt{2}}{2} \right] \right\}$

		$+38400938201391262349489546 z^{40}$ $+16922447329350987279925944 z^{38}$ $+6291105488156394086771758 z^{36}$ $+1965970468616146975677660 z^{34}$ $+514176890004369101579370 z^{32}$ $+111954230234594723548384 z^{30}$ $+20165669233067803830917 z^{28}$ $+2982246860911627500030 z^{26}$ $+358841196866591052775 z^{24}$ $+34750941189628552140 z^{22} + 2673154230898045125 z^{20}$ $+160727310984223634 z^{18} + 7404509615323695 z^{16}$ $+254882828018280 z^{14} + 6353676238147 z^{12}$ $+110721554538 z^{10} + 1319602977 z^8 + 11236092 z^6$ $+74235 z^4 + 294 z^2 + 1$	
		$343 z^{96} + 89866 z^{94} + 15120126 z^{92} + 1651413386 z^{90}$ $+124488538482 z^{88} + 6668714268930 z^{86}$ $+259115963292438 z^{84} + 7438001275208098 z^{82}$ $+160867690072625788 z^{80} + 2673278890150612646 z^{78}$ $+34749492645760406514 z^{76}$ $+358836011675248751462 z^{74}$ $+2982249455800645445254 z^{72}$ $+20165710018973902513886 z^{70}$ $+111954256993417313460202 z^{68}$ $+514176709834226551275646 z^{66}$ $+1965970265638509240241355 z^{64}$ $+6291106033938913164221412 z^{62}$ $+16922448042213882505277164 z^{60}$ $+38400936977860806953160676 z^{58}$ $+73724447720421394940900500 z^{56}$ $+120016547379780045441861204 z^{54}$ $+165935921578738827811248156 z^{52}$	

{[98, 2, 90]}	$x^8 + x^7 + x + 1$	$ \begin{aligned} &+195062966290424401837787028 z^{50} \\ &+195062966290487607141005904 z^{48} \\ &+165935921578680484454430732 z^{46} \\ &+120016547379829745338409380 z^{44} \\ &+73724447720382345022184076 z^{42} \\ &+38400936977889084480507052 z^{40} \\ &+16922448042195030820379580 z^{38} \\ &+6291106033950467422707028 z^{36} \\ &+1965970265632009969843196 z^{34} \\ &+514176709837574660268637 z^{32} \\ &+111954256991841732757618 z^{30} \\ &+20165710019649151386422 z^{28} \\ &+2982249455538048661490 z^{26} \\ &+358836011767512486298 z^{24} \\ &+34749492616624490250 z^{22} + 2673278898368435182 z^{20} \\ &+160867688018170154 z^{18} + 7438001726186164 z^{16} \\ &+259115877391854 z^{14} + 6668728252746 z^{12} \\ &+124486631598 z^{10} + 1651625262 z^8 + 15101702 z^6 \\ &+91042 z^4 + 294 z^2 + 1 \end{aligned} $	$\left\{ \left[ 49, \frac{7\sqrt{2}}{2} \right] \right\}$
		$ \begin{aligned} &z^{99} + 495 z^{97} + 111870 z^{95} + 15286458 z^{93} + 1410289155 z^{91} \\ &+ 2357947691 z^{90} + 92958488469 z^{89} + 318322938285 z^{88} \\ &+ 4522754572644 z^{87} + 19990680524298 z^{86} \\ &+ 165730777179660 z^{85} + 776071323538830 z^{84} \\ &+ 4636597132914219 z^{83} + 20882218188317409 z^{82} \\ &+ 100107938560574197 z^{81} + 414028004901368319 z^{80} \\ &+ 1685455145662649526 z^{79} + 6280432605123596172 z^{78} \\ &+ 22374141470608817538 z^{77} \\ &+ 74745088338631336164 z^{76} \\ &+ 236869499505923719281 z^{75} \\ &+ 710536660558460447481 z^{74} \\ &+ 2022017850306450641799 z^{73} \end{aligned} $	

$\{[99, 2, 91]\}$

$$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+5467911715170499996863 z^{72} \\
&+14058398644543782576432 z^{71} \\
&+34421602088488218858738 z^{70} \\
&+80314512741966414498576 z^{69} \\
&+178764799847534270102502 z^{68} \\
&+379879975542779037101754 z^{67} \\
&+771259997940119809313115 z^{66} \\
&+1497168274114141748187750 z^{65} \\
&+2780440490884295714901525 z^{64} \\
&+4943007736248633257945244 z^{63} \\
&+8416492657854819329156112 z^{62} \\
&+13732128279563128256121300 z^{61} \\
&+21478511738663920727391792 z^{60} \\
&+32217729057181703749050414 z^{59} \\
&+46362091356816165434570814 z^{58} \\
&+64023905096049280344992898 z^{57} \\
&+84868791742050032119642866 z^{56} \\
&+108014926600839498504315480 z^{55} \\
&+132018202075827522198192372 z^{54} \\
&+154977840351174773405673288 z^{53} \\
&+174762371569455754745419836 z^{52} \\
&+189325755902110172791634694 z^{51} \\
&+197053434108276410294219898 z^{50} \\
&+197053434108276410294219898 z^{49} \\
&+189325755902110172791634694 z^{48} \\
&+174762371569455754745419836 z^{47} \\
&+154977840351174773405673288 z^{46} \\
&+132018202075827522198192372 z^{45} \\
&+108014926600839498504315480 z^{44} \\
&+84868791742050032119642866 z^{43} \\
&+64023905096049280344992898 z^{42}
\end{aligned}$$

$$\left\{ \left[ \frac{99}{2}, \frac{3\sqrt{11}}{2} \right] \right\}$$

		$+46362091356816165434570814 z^{41}$ $+32217729057181703749050414 z^{40}$ $+21478511738663920727391792 z^{39}$ $+13732128279563128256121300 z^{38}$ $+8416492657854819329156112 z^{37}$ $+4943007736248633257945244 z^{36}$ $+2780440490884295714901525 z^{35}$ $+1497168274114141748187750 z^{34}$ $+771259997940119809313115 z^{33}$ $+379879975542779037101754 z^{32}$ $+178764799847534270102502 z^{31}$ $+80314512741966414498576 z^{30}$ $+34421602088488218858738 z^{29}$ $+14058398644543782576432 z^{28}$ $+5467911715170499996863 z^{27}$ $+2022017850306450641799 z^{26}$ $+710536660558460447481 z^{25}$ $+236869499505923719281 z^{24}$ $+74745088338631336164 z^{23}$ $+22374141470608817538 z^{22} + 6280432605123596172 z^{21}$ $+1685455145662649526 z^{20} + 414028004901368319 z^{19}$ $+100107938560574197 z^{18} + 20882218188317409 z^{17}$ $+4636597132914219 z^{16} + 776071323538830 z^{15}$ $+165730777179660 z^{14} + 19990680524298 z^{13}$ $+4522754572644 z^{12} + 318322938285 z^{11}$ $+92958488469 z^{10} + 2357947691 z^9 + 1410289155 z^8$ $+15286458 z^6 + 111870 z^4 + 495 z^2 + 1$	
		$z^{100} + 450 z^{98} + 93225 z^{96} + 200000 z^{95} + 11787600 z^{94}$ $+ 57000000 z^{93} + 1017056700 z^{92} + 7273200000 z^{91}$ $+ 73447198760 z^{90} + 551007600000 z^{89}$ $+ 4159987560300 z^{88} + 27761745880000 z^{87}$	

$$\begin{aligned}
&+172781313908400 z^{86}+989605236280000 z^{85} \\
&+5256258348034650 z^{84}+25977475942176000 z^{83} \\
&+119776364857735300 z^{82}+516959996515104000 z^{81} \\
&+2093693605791418170 z^{80}+7975937479522865600 z^{79} \\
&+28640990909226841200 z^{78} \\
&+97129950832472043200 z^{77} \\
&+311625209548320911100 z^{76} \\
&+947340954932206600064 z^{75} \\
&+2732713180493064798600 z^{74} \\
&+7489661014340380617600 z^{73} \\
&+19526617103958295778700 z^{72} \\
&+48479873831402493588800 z^{71} \\
&+114735707642958949215120 z^{70} \\
&+259080618258056697755200 z^{69} \\
&+558642574157335958597175 z^{68} \\
&+1151142295193150861286400 z^{67} \\
&+2268427444386109472517150 z^{66} \\
&+4277606065991077802040320 z^{65} \\
&+7723455444586006080587775 z^{64} \\
&+13359490413712322240233600 z^{63} \\
&+22148628865207798634272800 z^{62} \\
&+35210640750396639815900800 z^{61} \\
&+53696227005658918755483960 z^{60} \\
&+78579844592022536773548800 z^{59} \\
&+110385972223783300579141200 z^{58} \\
&+148892706602243854042489600 z^{57} \\
&+192883733767450246092600600 z^{56} \\
&+240033090681539149405280640 z^{55} \\
&+286996086442187501324536800 z^{54} \\
&+329740184732091538427158400 z^{53} \\
&+364088120509288623824729100 z^{52}
\end{aligned}$$

$+386379230008287563980275200 z^{51}$ $+394106814971286643088638776 z^{50}$ $+386379230008287563980275200 z^{49}$ $+364088120509288623824729100 z^{48}$ $+329740184732091538427158400 z^{47}$ $+286996086442187501324536800 z^{46}$ $+240033090681539149405280640 z^{45}$ $+192883733767450246092600600 z^{44}$ $+148892706602243854042489600 z^{43}$ $+110385972223783300579141200 z^{42}$ $+78579844592022536773548800 z^{41}$ $+53696227005658918755483960 z^{40}$ $+35210640750396639815900800 z^{39}$ $+22148628865207798634272800 z^{38}$ $+13359490413712322240233600 z^{37}$ $+7723455444586006080587775 z^{36}$ $+4277606065991077802040320 z^{35}$ $+2268427444386109472517150 z^{34}$ $+1151142295193150861286400 z^{33}$ $+558642574157335958597175 z^{32}$ $+259080618258056697755200 z^{31}$ $+114735707642958949215120 z^{30}$ $+48479873831402493588800 z^{29}$ $+19526617103958295778700 z^{28}$ $+7489661014340380617600 z^{27}$ $+2732713180493064798600 z^{26}$ $+947340954932206600064 z^{25}$ $+311625209548320911100 z^{24}$ $+97129950832472043200 z^{23}$ $+28640990909226841200 z^{22} + 7975937479522865600 z^{21}$ $+2093693605791418170 z^{20} + 516959996515104000 z^{19}$	
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$\{[50, 5]\}$



		$+119776364857735300 z^{18} + 25977475942176000 z^{17}$ $+5256258348034650 z^{16} + 989605236280000 z^{15}$ $+172781313908400 z^{14} + 27761745880000 z^{13}$ $+4159987560300 z^{12} + 551007600000 z^{11}$ $+73447198760 z^{10} + 7273200000 z^9 + 1017056700 z^8$ $+57000000 z^7 + 11787600 z^6 + 200000 z^5 + 93225 z^4 + 450 z^2$ $+1$	
$\{[100, 2, 92]\}$	$x^8 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$40625 z^{96} + 10575000 z^{94} + 1512195000 z^{92} + 136493195000 z^{90}$ $+8219303818500 z^{88} + 345251533859000 z^{86}$ $+10514303267797800 z^{84} + 239564925103720600 z^{82}$ $+4187372190806980690 z^{80} + 57281795942581183400 z^{78}$ $+623250568853267020200 z^{76}$ $+5465428046364194672200 z^{74}$ $+39053232301932614994900 z^{72}$ $+229471405968793484055240 z^{70}$ $+1117285164744936180420600 z^{68}$ $+4536854916454952622701800 z^{66}$ $+15446910807761013703220175 z^{64}$ $+44297257710592014028143600 z^{62}$ $+107392454236898526117113520 z^{60}$ $+220771944320375294700948400 z^{58}$ $+385767467205882164187928200 z^{56}$ $+573992173314104756166974000 z^{54}$ $+728176241187822798676202000 z^{52}$ $+788213629337731605027251440 z^{50}$ $+728176241192153233212493500 z^{48}$ $+573992173310285064905810000 z^{46}$ $+385767467205760065721134800 z^{44}$ $+220771944322959268015667600 z^{42}$ $+107392454235124043223422280 z^{40}$ $+44297257710527820600832400 z^{38}$	$\{[50, 5]\}$

		$+15446910808516133722969200 z^{36}$ $+4536854916060542074254800 z^{34}$ $+1117285164731453157626975 z^{32}$ $+229471406060613249525240 z^{30}$ $+39053232273142124037400 z^{28}$ $+5465428040491605962200 z^{26}$ $+623250573943347197300 z^{24}$ $+57281795596527816600 z^{22} + 4187371792033247560 z^{20}$ $+239564995169009400 z^{18} + 10514320815698450 z^{16}$ $+345247631941000 z^{14} + 8218766549000 z^{12}$ $+136570585000 z^{10} + 1524438500 z^8 + 11209000 z^6$ $+56600 z^4 + 200 z^2 + 1$	
		$z^{102} + 51 z^{100} + 136 z^{99} + 17595 z^{98} + 332928 z^{97} + 5235609 z^{96}$ $+ 72118080 z^{95} + 856713708 z^{94} + 8946726272 z^{93}$ $+ 83208272964 z^{92} + 695908547232 z^{91}$ $+ 5277281579060 z^{90} + 36535247540352 z^{89}$ $+ 232259747085756 z^{88} + 1362589071667392 z^{87}$ $+ 7409079420409962 z^{86} + 37481231126812032 z^{85}$ $+ 176994693544397278 z^{84} + 782502841302154512 z^{83}$ $+ 3247386825103148862 z^{82} + 12680272377600187264 z^{81}$ $+ 46686457324161742986 z^{80}$ $+ 162387677701426954176 z^{79}$ $+ 534526105720338100620 z^{78}$ $+ 1667721449609803760256 z^{77}$ $+ 4939021217049671267748 z^{76}$ $+ 13902430092732587530272 z^{75}$ $+ 37238652030253432964340 z^{74}$ $+ 95022767250735702797184 z^{73}$ $+ 231222066987575664838524 z^{72}$ $+ 537031897512098052534336 z^{71}$ $+ 1191539522582687483248743 z^{70}$	

$\{[102, 2, 94]\}$

$$x^8 + x^4 + x^3 + x + 1$$

$$\begin{aligned}
&+2527508078229275252385408 z^{69} \\
&+5129354629382010604434117 z^{68} \\
&+9965603279890538111926008 z^{67} \\
&+18547094993092885987664493 z^{66} \\
&+33084007285059202917604608 z^{65} \\
&+56591065092881907778157919 z^{64} \\
&+92867388870279641310315648 z^{63} \\
&+146266137470714279670990360 z^{62} \\
&+221182939589899775940880128 z^{61} \\
&+321241888451933901914943816 z^{60} \\
&+448244495514420863501913408 z^{59} \\
&+601055118985302291217960872 z^{58} \\
&+774693264469654502265120000 z^{57} \\
&+959946001625478040681550136 z^{56} \\
&+1143765448745731438540467072 z^{55} \\
&+1310564576687606985237026220 z^{54} \\
&+1444295655940864345040680704 z^{53} \\
&+1530953395297719966584745156 z^{52} \\
&+1560972089323704719731082976 z^{51} \\
&+1530953395297719966584745156 z^{50} \\
&+1444295655940864345040680704 z^{49} \\
&+1310564576687606985237026220 z^{48} \\
&+1143765448745731438540467072 z^{47} \\
&+959946001625478040681550136 z^{46} \\
&+774693264469654502265120000 z^{45} \\
&+601055118985302291217960872 z^{44} \\
&+448244495514420863501913408 z^{43} \\
&+321241888451933901914943816 z^{42} \\
&+221182939589899775940880128 z^{41} \\
&+146266137470714279670990360 z^{40} \\
&+92867388870279641310315648 z^{39}
\end{aligned}$$

$$\left\{ \left[ 51, \frac{\sqrt{102}}{2} \right] \right\}$$

		$+56591065092881907778157919 z^{38}$ $+33084007285059202917604608 z^{37}$ $+18547094993092885987664493 z^{36}$ $+9965603279890538111926008 z^{35}$ $+5129354629382010604434117 z^{34}$ $+2527508078229275252385408 z^{33}$ $+1191539522582687483248743 z^{32}$ $+537031897512098052534336 z^{31}$ $+231222066987575664838524 z^{30}$ $+95022767250735702797184 z^{29}$ $+37238652030253432964340 z^{28}$ $+13902430092732587530272 z^{27}$ $+4939021217049671267748 z^{26}$ $+1667721449609803760256 z^{25}$ $+534526105720338100620 z^{24}$ $+162387677701426954176 z^{23}$ $+46686457324161742986 z^{22}$ $+12680272377600187264 z^{21} + 3247386825103148862 z^{20}$ $+782502841302154512 z^{19} + 176994693544397278 z^{18}$ $+37481231126812032 z^{17} + 7409079420409962 z^{16}$ $+1362589071667392 z^{15} + 232259747085756 z^{14}$ $+36535247540352 z^{13} + 5277281579060 z^{12}$ $+695908547232 z^{11} + 83208272964 z^{10} + 8946726272 z^9$ $+856713708 z^8 + 72118080 z^7 + 5235609 z^6 + 332928 z^5$ $+17595 z^4 + 136 z^3 + 51 z^2 + 1$	
		$z^{102} + 255 z^{100} + 30855 z^{98} + 264384 z^{97} + 5528825 z^{96}$ $+ 71031168 z^{95} + 857107020 z^{94} + 8953657920 z^{93}$ $+ 83182648116 z^{92} + 695981636352 z^{91}$ $+ 5277277879588 z^{90} + 36534668594880 z^{89}$ $+ 232260813968220 z^{88} + 1362588738851456 z^{87}$ $+ 7409077453613322 z^{86} + 37481245188806208 z^{85}$	

<div data-bbox="176 1495 373 1529">{[102, 2, 94]}</div>	<div data-bbox="407 1495 625 1529"><math>x^8+x^5+x^4+x^3+1</math></div>	<div data-bbox="856 92 1614 1490"> <math display="block"> \begin{aligned} &amp;+176994666422503030 z^{84}+782502808520409600 z^{83} \\ &amp;+3247386980165461974 z^{82}+12680272244973647680 z^{81} \\ &amp;+46686457178334662058 z^{80} \\ &amp;+162387678555721249920 z^{79} \\ &amp;+534526104206298660780 z^{78} \\ &amp;+1667721448456787505600 z^{77} \\ &amp;+4939021223989125546708 z^{76} \\ &amp;+13902430088318682701568 z^{75} \\ &amp;+37238652019651992874020 z^{74} \\ &amp;+95022767272570399183680 z^{73} \\ &amp;+231222066974075406872412 z^{72} \\ &amp;+537031897478388385261440 z^{71} \\ &amp;+1191539522679379579290951 z^{70} \\ &amp;+2527508078206021051403200 z^{69} \\ &amp;+5129354629182929531301945 z^{68} \\ &amp;+9965603280089466249418752 z^{67} \\ &amp;+18547094993236151736237793 z^{66} \\ &amp;+33084007284696631908872064 z^{65} \\ &amp;+56591065093133632058273055 z^{64} \\ &amp;+92867388870423273487128320 z^{63} \\ &amp;+146266137469894970675878872 z^{62} \\ &amp;+221182939590606835056402048 z^{61} \\ &amp;+321241888452857249012607784 z^{60} \\ &amp;+448244495512694646643975680 z^{59} \\ &amp;+601055118985258997076211080 z^{58} \\ &amp;+774693264471435621839999872 z^{57} \\ &amp;+959946001624111504004263800 z^{56} \\ &amp;+1143765448745533859875512576 z^{55} \\ &amp;+1310564576689579874269053420 z^{54} \\ &amp;+1444295655938741429016489600 z^{53} \\ &amp;+1530953395296778964316021012 z^{52} \end{aligned} </math> </div>
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$+1560972089326941794788985856 z^{51}$   
 $+1530953395296778964316021012 z^{50}$   
 $+1444295655938741429016489600 z^{49}$   
 $+1310564576689579874269053420 z^{48}$   
 $+1143765448745533859875512576 z^{47}$   
 $+959946001624111504004263800 z^{46}$   
 $+774693264471435621839999872 z^{45}$   
 $+601055118985258997076211080 z^{44}$   
 $+448244495512694646643975680 z^{43}$   
 $+321241888452857249012607784 z^{42}$   
 $+221182939590606835056402048 z^{41}$   
 $+146266137469894970675878872 z^{40}$   
 $+92867388870423273487128320 z^{39}$   
 $+56591065093133632058273055 z^{38}$   
 $+33084007284696631908872064 z^{37}$   
 $+18547094993236151736237793 z^{36}$   
 $+9965603280089466249418752 z^{35}$   
 $+5129354629182929531301945 z^{34}$   
 $+2527508078206021051403200 z^{33}$   
 $+1191539522679379579290951 z^{32}$   
 $+537031897478388385261440 z^{31}$   
 $+231222066974075406872412 z^{30}$   
 $+95022767272570399183680 z^{29}$   
 $+37238652019651992874020 z^{28}$   
 $+13902430088318682701568 z^{27}$   
 $+4939021223989125546708 z^{26}$   
 $+1667721448456787505600 z^{25}$   
 $+534526104206298660780 z^{24}$   
 $+162387678555721249920 z^{23}$   
 $+46686457178334662058 z^{22}$   
 $+12680272244973647680 z^{21} + 3247386980165461974 z^{20}$

$$\left\{ \left[ 51, \frac{\sqrt{102}}{2} \right] \right\}$$

		$+782502808520409600 z^{19} + 176994666422503030 z^{18}$ $+37481245188806208 z^{17} + 7409077453613322 z^{16}$ $+1362588738851456 z^{15} + 232260813968220 z^{14}$ $+36534668594880 z^{13} + 5277277879588 z^{12}$ $+695981636352 z^{11} + 83182648116 z^{10} + 8953657920 z^9$ $+857107020 z^8 + 71031168 z^7 + 5528825 z^6 + 264384 z^5$ $+30855 z^4 + 255 z^2 + 1$	
		$z^{102} + 51 z^{100} + 136 z^{99} + 17595 z^{98} + 332928 z^{97} + 5235609 z^{96}$ $+72118080 z^{95} + 856713708 z^{94} + 8946726272 z^{93}$ $+83208272964 z^{92} + 695908547232 z^{91}$ $+5277281579060 z^{90} + 36535247540352 z^{89}$ $+232259747085756 z^{88} + 1362589071667392 z^{87}$ $+7409079420409962 z^{86} + 37481231126812032 z^{85}$ $+176994693544397278 z^{84} + 782502841302154512 z^{83}$ $+3247386825103148862 z^{82} + 12680272377600187264 z^{81}$ $+46686457324161742986 z^{80}$ $+162387677701426954176 z^{79}$ $+534526105720338100620 z^{78}$ $+1667721449609803760256 z^{77}$ $+4939021217049671267748 z^{76}$ $+13902430092732587530272 z^{75}$ $+37238652030253432964340 z^{74}$ $+95022767250735702797184 z^{73}$ $+231222066987575664838524 z^{72}$ $+537031897512098052534336 z^{71}$ $+1191539522582687483248743 z^{70}$ $+2527508078229275252385408 z^{69}$ $+5129354629382010604434117 z^{68}$ $+9965603279890538111926008 z^{67}$ $+18547094993092885987664493 z^{66}$ $+33084007285059202917604608 z^{65}$	

$\{[102, 2, 94]\}$

$$x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$$

$$\begin{aligned}
&+56591065092881907778157919 z^{64} \\
&+92867388870279641310315648 z^{63} \\
&+146266137470714279670990360 z^{62} \\
&+221182939589899775940880128 z^{61} \\
&+321241888451933901914943816 z^{60} \\
&+448244495514420863501913408 z^{59} \\
&+601055118985302291217960872 z^{58} \\
&+774693264469654502265120000 z^{57} \\
&+959946001625478040681550136 z^{56} \\
&+1143765448745731438540467072 z^{55} \\
&+1310564576687606985237026220 z^{54} \\
&+1444295655940864345040680704 z^{53} \\
&+1530953395297719966584745156 z^{52} \\
&+1560972089323704719731082976 z^{51} \\
&+1530953395297719966584745156 z^{50} \\
&+1444295655940864345040680704 z^{49} \\
&+1310564576687606985237026220 z^{48} \\
&+1143765448745731438540467072 z^{47} \\
&+959946001625478040681550136 z^{46} \\
&+774693264469654502265120000 z^{45} \\
&+601055118985302291217960872 z^{44} \\
&+448244495514420863501913408 z^{43} \\
&+321241888451933901914943816 z^{42} \\
&+221182939589899775940880128 z^{41} \\
&+146266137470714279670990360 z^{40} \\
&+92867388870279641310315648 z^{39} \\
&+56591065092881907778157919 z^{38} \\
&+33084007285059202917604608 z^{37} \\
&+18547094993092885987664493 z^{36} \\
&+9965603279890538111926008 z^{35} \\
&+5129354629382010604434117 z^{34}
\end{aligned}$$

$$\left\{ \left[ 51, \frac{\sqrt{102}}{2} \right] \right\}$$



		$+2527508078229275252385408 z^{33}$ $+1191539522582687483248743 z^{32}$ $+537031897512098052534336 z^{31}$ $+231222066987575664838524 z^{30}$ $+95022767250735702797184 z^{29}$ $+37238652030253432964340 z^{28}$ $+13902430092732587530272 z^{27}$ $+4939021217049671267748 z^{26}$ $+1667721449609803760256 z^{25}$ $+534526105720338100620 z^{24}$ $+162387677701426954176 z^{23}$ $+46686457324161742986 z^{22}$ $+12680272377600187264 z^{21} + 3247386825103148862 z^{20}$ $+782502841302154512 z^{19} + 176994693544397278 z^{18}$ $+37481231126812032 z^{17} + 7409079420409962 z^{16}$ $+1362589071667392 z^{15} + 232259747085756 z^{14}$ $+36535247540352 z^{13} + 5277281579060 z^{12}$ $+695908547232 z^{11} + 83208272964 z^{10} + 8946726272 z^9$ $+856713708 z^8 + 72118080 z^7 + 5235609 z^6 + 332928 z^5$ $+17595 z^4 + 136 z^3 + 51 z^2 + 1$	
		$z^{102} + 255 z^{100} + 30855 z^{98} + 264384 z^{97} + 5528825 z^{96}$ $+ 71031168 z^{95} + 857107020 z^{94} + 8953657920 z^{93}$ $+ 83182648116 z^{92} + 695981636352 z^{91}$ $+ 5277277879588 z^{90} + 36534668594880 z^{89}$ $+ 232260813968220 z^{88} + 1362588738851456 z^{87}$ $+ 7409077453613322 z^{86} + 37481245188806208 z^{85}$ $+ 176994666422503030 z^{84} + 782502808520409600 z^{83}$ $+ 3247386980165461974 z^{82} + 12680272244973647680 z^{81}$ $+ 46686457178334662058 z^{80}$ $+ 162387678555721249920 z^{79}$ $+ 534526104206298660780 z^{78}$	

{[102, 2, 94]}

$$x^8+x^7+x^6+x^4+x^2+x+1$$

$$\begin{aligned}
&+1667721448456787505600 z^{77} \\
&+4939021223989125546708 z^{76} \\
&+13902430088318682701568 z^{75} \\
&+37238652019651992874020 z^{74} \\
&+95022767272570399183680 z^{73} \\
&+231222066974075406872412 z^{72} \\
&+537031897478388385261440 z^{71} \\
&+1191539522679379579290951 z^{70} \\
&+2527508078206021051403200 z^{69} \\
&+5129354629182929531301945 z^{68} \\
&+9965603280089466249418752 z^{67} \\
&+18547094993236151736237793 z^{66} \\
&+33084007284696631908872064 z^{65} \\
&+56591065093133632058273055 z^{64} \\
&+92867388870423273487128320 z^{63} \\
&+146266137469894970675878872 z^{62} \\
&+221182939590606835056402048 z^{61} \\
&+321241888452857249012607784 z^{60} \\
&+448244495512694646643975680 z^{59} \\
&+601055118985258997076211080 z^{58} \\
&+774693264471435621839999872 z^{57} \\
&+959946001624111504004263800 z^{56} \\
&+1143765448745533859875512576 z^{55} \\
&+1310564576689579874269053420 z^{54} \\
&+1444295655938741429016489600 z^{53} \\
&+1530953395296778964316021012 z^{52} \\
&+1560972089326941794788985856 z^{51} \\
&+1530953395296778964316021012 z^{50} \\
&+1444295655938741429016489600 z^{49} \\
&+1310564576689579874269053420 z^{48} \\
&+1143765448745533859875512576 z^{47}
\end{aligned}$$

$$\left\{ \left[ 51, \frac{\sqrt{102}}{2} \right] \right\}$$

$$\begin{aligned}
&+959946001624111504004263800 z^{46} \\
&+774693264471435621839999872 z^{45} \\
&+601055118985258997076211080 z^{44} \\
&+448244495512694646643975680 z^{43} \\
&+321241888452857249012607784 z^{42} \\
&+221182939590606835056402048 z^{41} \\
&+146266137469894970675878872 z^{40} \\
&+92867388870423273487128320 z^{39} \\
&+56591065093133632058273055 z^{38} \\
&+33084007284696631908872064 z^{37} \\
&+18547094993236151736237793 z^{36} \\
&+9965603280089466249418752 z^{35} \\
&+5129354629182929531301945 z^{34} \\
&+2527508078206021051403200 z^{33} \\
&+1191539522679379579290951 z^{32} \\
&+537031897478388385261440 z^{31} \\
&+231222066974075406872412 z^{30} \\
&+95022767272570399183680 z^{29} \\
&+37238652019651992874020 z^{28} \\
&+13902430088318682701568 z^{27} \\
&+4939021223989125546708 z^{26} \\
&+1667721448456787505600 z^{25} \\
&+534526104206298660780 z^{24} \\
&+162387678555721249920 z^{23} \\
&+46686457178334662058 z^{22} \\
&+12680272244973647680 z^{21} + 3247386980165461974 z^{20} \\
&+782502808520409600 z^{19} + 176994666422503030 z^{18} \\
&+37481245188806208 z^{17} + 7409077453613322 z^{16} \\
&+1362588738851456 z^{15} + 232260813968220 z^{14} \\
&+36534668594880 z^{13} + 5277277879588 z^{12} \\
&+695981636352 z^{11} + 83182648116 z^{10} + 8953657920 z^9
\end{aligned}$$

		$+857107020 z^8 + 71031168 z^7 + 5528825 z^6 + 264384 z^5$ $+ 30855 z^4 + 255 z^2 + 1$	
		$z^{102} + 51 z^{100} + 136 z^{99} + 17595 z^{98} + 332928 z^{97} + 5235609 z^{96}$ $+ 72118080 z^{95} + 856713708 z^{94} + 8946726272 z^{93}$ $+ 83208272964 z^{92} + 695908547232 z^{91}$ $+ 5277281579060 z^{90} + 36535247540352 z^{89}$ $+ 232259747085756 z^{88} + 1362589071667392 z^{87}$ $+ 7409079420409962 z^{86} + 37481231126812032 z^{85}$ $+ 176994693544397278 z^{84} + 782502841302154512 z^{83}$ $+ 3247386825103148862 z^{82} + 12680272377600187264 z^{81}$ $+ 46686457324161742986 z^{80}$ $+ 162387677701426954176 z^{79}$ $+ 534526105720338100620 z^{78}$ $+ 1667721449609803760256 z^{77}$ $+ 4939021217049671267748 z^{76}$ $+ 13902430092732587530272 z^{75}$ $+ 37238652030253432964340 z^{74}$ $+ 95022767250735702797184 z^{73}$ $+ 231222066987575664838524 z^{72}$ $+ 537031897512098052534336 z^{71}$ $+ 1191539522582687483248743 z^{70}$ $+ 2527508078229275252385408 z^{69}$ $+ 5129354629382010604434117 z^{68}$ $+ 9965603279890538111926008 z^{67}$ $+ 18547094993092885987664493 z^{66}$ $+ 33084007285059202917604608 z^{65}$ $+ 56591065092881907778157919 z^{64}$ $+ 92867388870279641310315648 z^{63}$ $+ 146266137470714279670990360 z^{62}$ $+ 221182939589899775940880128 z^{61}$ $+ 321241888451933901914943816 z^{60}$	

$\{[102, 2, 94]\}$

$$x^8+x^7+x^5+x^4+1$$

$$\begin{aligned} &+448244495514420863501913408 z^{59} \\ &+601055118985302291217960872 z^{58} \\ &+774693264469654502265120000 z^{57} \\ &+959946001625478040681550136 z^{56} \\ &+1143765448745731438540467072 z^{55} \\ &+1310564576687606985237026220 z^{54} \\ &+1444295655940864345040680704 z^{53} \\ &+1530953395297719966584745156 z^{52} \\ &+1560972089323704719731082976 z^{51} \\ &+1530953395297719966584745156 z^{50} \\ &+1444295655940864345040680704 z^{49} \\ &+1310564576687606985237026220 z^{48} \\ &+1143765448745731438540467072 z^{47} \\ &+959946001625478040681550136 z^{46} \\ &+774693264469654502265120000 z^{45} \\ &+601055118985302291217960872 z^{44} \\ &+448244495514420863501913408 z^{43} \\ &+321241888451933901914943816 z^{42} \\ &+221182939589899775940880128 z^{41} \\ &+146266137470714279670990360 z^{40} \\ &+92867388870279641310315648 z^{39} \\ &+56591065092881907778157919 z^{38} \\ &+33084007285059202917604608 z^{37} \\ &+18547094993092885987664493 z^{36} \\ &+9965603279890538111926008 z^{35} \\ &+5129354629382010604434117 z^{34} \\ &+2527508078229275252385408 z^{33} \\ &+1191539522582687483248743 z^{32} \\ &+537031897512098052534336 z^{31} \\ &+231222066987575664838524 z^{30} \\ &+95022767250735702797184 z^{29} \end{aligned}$$

$$\left\{ \left[ 51, \frac{\sqrt{102}}{2} \right] \right\}$$

		$ \begin{aligned} &+37238652030253432964340 z^{28} \\ &+13902430092732587530272 z^{27} \\ &+4939021217049671267748 z^{26} \\ &+1667721449609803760256 z^{25} \\ &+534526105720338100620 z^{24} \\ &+162387677701426954176 z^{23} \\ &+46686457324161742986 z^{22} \\ &+12680272377600187264 z^{21} + 3247386825103148862 z^{20} \\ &+782502841302154512 z^{19} + 176994693544397278 z^{18} \\ &+37481231126812032 z^{17} + 7409079420409962 z^{16} \\ &+1362589071667392 z^{15} + 232259747085756 z^{14} \\ &+36535247540352 z^{13} + 5277281579060 z^{12} \\ &+695908547232 z^{11} + 83208272964 z^{10} + 8946726272 z^9 \\ &+856713708 z^8 + 72118080 z^7 + 5235609 z^6 + 332928 z^5 \\ &+17595 z^4 + 136 z^3 + 51 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{102} + 51 z^{100} + 136 z^{99} + 17595 z^{98} + 332928 z^{97} + 5235609 z^{96} \\ &+ 72118080 z^{95} + 856713708 z^{94} + 8946726272 z^{93} \\ &+ 83208272964 z^{92} + 695908547232 z^{91} \\ &+ 5277281579060 z^{90} + 36535247540352 z^{89} \\ &+ 232259747085756 z^{88} + 1362589071667392 z^{87} \\ &+ 7409079420409962 z^{86} + 37481231126812032 z^{85} \\ &+ 176994693544397278 z^{84} + 782502841302154512 z^{83} \\ &+ 3247386825103148862 z^{82} + 12680272377600187264 z^{81} \\ &+ 46686457324161742986 z^{80} \\ &+ 162387677701426954176 z^{79} \\ &+ 534526105720338100620 z^{78} \\ &+ 1667721449609803760256 z^{77} \\ &+ 4939021217049671267748 z^{76} \\ &+ 13902430092732587530272 z^{75} \\ &+ 37238652030253432964340 z^{74} \\ &+ 95022767250735702797184 z^{73} \end{aligned} $	

$\{[102, 2, 94]\}$

$x^8 + x^7 + x^4 + x^3 + x^2 + x + 1$

$+231222066987575664838524 z^{72}$   
 $+537031897512098052534336 z^{71}$   
 $+1191539522582687483248743 z^{70}$   
 $+2527508078229275252385408 z^{69}$   
 $+5129354629382010604434117 z^{68}$   
 $+9965603279890538111926008 z^{67}$   
 $+18547094993092885987664493 z^{66}$   
 $+33084007285059202917604608 z^{65}$   
 $+56591065092881907778157919 z^{64}$   
 $+92867388870279641310315648 z^{63}$   
 $+146266137470714279670990360 z^{62}$   
 $+221182939589899775940880128 z^{61}$   
 $+321241888451933901914943816 z^{60}$   
 $+448244495514420863501913408 z^{59}$   
 $+601055118985302291217960872 z^{58}$   
 $+774693264469654502265120000 z^{57}$   
 $+959946001625478040681550136 z^{56}$   
 $+1143765448745731438540467072 z^{55}$   
 $+1310564576687606985237026220 z^{54}$   
 $+1444295655940864345040680704 z^{53}$   
 $+1530953395297719966584745156 z^{52}$   
 $+1560972089323704719731082976 z^{51}$   
 $+1530953395297719966584745156 z^{50}$   
 $+1444295655940864345040680704 z^{49}$   
 $+1310564576687606985237026220 z^{48}$   
 $+1143765448745731438540467072 z^{47}$   
 $+959946001625478040681550136 z^{46}$   
 $+774693264469654502265120000 z^{45}$   
 $+601055118985302291217960872 z^{44}$   
 $+448244495514420863501913408 z^{43}$   
 $+321241888451933901914943816 z^{42}$

$\left\{ \left[ 51, \frac{\sqrt{102}}{2} \right] \right\}$

		$+221182939589899775940880128 z^{41}$ $+146266137470714279670990360 z^{40}$ $+92867388870279641310315648 z^{39}$ $+56591065092881907778157919 z^{38}$ $+33084007285059202917604608 z^{37}$ $+18547094993092885987664493 z^{36}$ $+9965603279890538111926008 z^{35}$ $+5129354629382010604434117 z^{34}$ $+2527508078229275252385408 z^{33}$ $+1191539522582687483248743 z^{32}$ $+537031897512098052534336 z^{31}$ $+231222066987575664838524 z^{30}$ $+95022767250735702797184 z^{29}$ $+37238652030253432964340 z^{28}$ $+13902430092732587530272 z^{27}$ $+4939021217049671267748 z^{26}$ $+1667721449609803760256 z^{25}$ $+534526105720338100620 z^{24}$ $+162387677701426954176 z^{23}$ $+46686457324161742986 z^{22}$ $+12680272377600187264 z^{21} + 3247386825103148862 z^{20}$ $+782502841302154512 z^{19} + 176994693544397278 z^{18}$ $+37481231126812032 z^{17} + 7409079420409962 z^{16}$ $+1362589071667392 z^{15} + 232259747085756 z^{14}$ $+36535247540352 z^{13} + 5277281579060 z^{12}$ $+695908547232 z^{11} + 83208272964 z^{10} + 8946726272 z^9$ $+856713708 z^8 + 72118080 z^7 + 5235609 z^6 + 332928 z^5$ $+17595 z^4 + 136 z^3 + 51 z^2 + 1$	
		$815730721 z^{96} + 143568606896 z^{94} + 11700841462024 z^{92}$ $+586764896383952 z^{90} + 20299703711301300 z^{88}$ $+515152914419301808 z^{86} + 9960332106659076792 z^{84}$	



$\{[104, 2, 96]\}$  $x^8+1$ 

+150540844659156565328  $z^{82}$   
+1812002840547864764514  $z^{80}$   
+17618558946861558571600  $z^{78}$   
+139966313402934195511256  $z^{76}$   
+917010984800588809933360  $z^{74}$   
+4993641241299177464663588  $z^{72}$   
+22751816292801171076271056  $z^{70}$   
+87215346845655572415509352  $z^{68}$   
+282612390739157211344877616  $z^{66}$   
+777183885490125445446906415  $z^{64}$   
+1819747669531569542571996384  $z^{62}$   
+3637572099582039414927056848  $z^{60}$   
+6220775590786934545979349024  $z^{58}$   
+9116082873901891373841508712  $z^{56}$   
+11460218154926823095143970016  $z^{54}$   
+12367701938386600214229890992  $z^{52}$   
+11460218980639944520845471008  $z^{50}$   
+9116083029395142312221150428  $z^{48}$   
+6220775007275740967845021856  $z^{46}$   
+3637571894337583676609507632  $z^{44}$   
+1819747950914716576221158496  $z^{42}$   
+777184035676892231164440040  $z^{40}$   
+282612307899645763368962464  $z^{38}$   
+87215277892762341647811408  $z^{36}$   
+22751824932191021890329184  $z^{34}$   
+4993660298452324022627727  $z^{32}$   
+917014030570721694631280  $z^{30}$   
+139963819671010889210280  $z^{28}$   
+17617401935198965383952  $z^{26}$   
+1811948913138877448676  $z^{24}$   
+150636696566030359152  $z^{22}$

 $\{[52, \sqrt{26}]\}$

		$+9997212503291791128 z^{20} + 522313349172215952 z^{18}$ $+21166495364524770 z^{16} + 655609480102928 z^{14}$ $+15304414575736 z^{12} + 265214444144 z^{10}$ $+3343684084 z^8 + 29711760 z^6 + 176072 z^4 + 624 z^2 + 1$	
		$z^{105} + 315 z^{103} + 46830 z^{101} + 302526 z^{100} + 7897680 z^{99}$ $+ 83446755 z^{98} + 1146120780 z^{97} + 11496240105 z^{96}$ $+ 113873358900 z^{95} + 968669812320 z^{94}$ $+ 7637050324120 z^{93} + 54501551649720 z^{92}$ $+ 358458717160320 z^{91} + 2174192398000420 z^{90}$ $+ 12230054769116730 z^{89} + 64029333620632380 z^{88}$ $+ 313025993813738030 z^{87} + 1433343117232355280 z^{86}$ $+ 6163358552648856300 z^{85} + 24946926245376642220 z^{84}$ $+ 95251973426101445520 z^{83}$ $+ 343735197771953779470 z^{82}$ $+ 1174428819511933287820 z^{81}$ $+ 3805149357499173165594 z^{80}$ $+ 11708151182146839993300 z^{79}$ $+ 34257184713785753520640 z^{78}$ $+ 95430727260685638409560 z^{77}$ $+ 253385033868321650399160 z^{76}$ $+ 641908757616632819895904 z^{75}$ $+ 1553005049380541723917860 z^{74}$ $+ 3591324182415785121327735 z^{73}$ $+ 7944444412761953339447260 z^{72}$ $+ 16823529317060952349243485 z^{71}$ $+ 34127730933344844163380240 z^{70}$ $+ 66359476811852511776279490 z^{69}$ $+ 123751456698313345073652690 z^{68}$ $+ 221449975240355320054273440 z^{67}$ $+ 380439700998942716698099365 z^{66}$ $+ 627725506582454984922048600 z^{65}$	

$\{[105, 2, 97]\}$

$$x^8 + x^4 + x^2 + x + 1$$

$$\begin{aligned} &+995174583804483557179707135 z^{64} \\ &+1516456508466391681421419560 z^{63} \\ &+2221785117024818806534032960 z^{62} \\ &+3130697210639234896369360560 z^{61} \\ &+4243833996288711493508576240 z^{60} \\ &+5535435647460659270317088640 z^{59} \\ &+6948738366261661728378312840 z^{58} \\ &+8396392192030220637323467340 z^{57} \\ &+9767231733890442745739642040 z^{56} \\ &+10939299542146371812420664996 z^{55} \\ &+11797283819404157464400558240 z^{54} \\ &+12251025505264801580409850920 z^{53} \\ &+12251025505264801580409850920 z^{52} \\ &+11797283819404157464400558240 z^{51} \\ &+10939299542146371812420664996 z^{50} \\ &+9767231733890442745739642040 z^{49} \\ &+8396392192030220637323467340 z^{48} \\ &+6948738366261661728378312840 z^{47} \\ &+5535435647460659270317088640 z^{46} \\ &+4243833996288711493508576240 z^{45} \\ &+3130697210639234896369360560 z^{44} \\ &+2221785117024818806534032960 z^{43} \\ &+1516456508466391681421419560 z^{42} \\ &+995174583804483557179707135 z^{41} \\ &+627725506582454984922048600 z^{40} \\ &+380439700998942716698099365 z^{39} \\ &+221449975240355320054273440 z^{38} \\ &+123751456698313345073652690 z^{37} \\ &+66359476811852511776279490 z^{36} \\ &+34127730933344844163380240 z^{35} \\ &+16823529317060952349243485 z^{34} \end{aligned}$$

$$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+7944444412761953339447260 z^{33}$ $+3591324182415785121327735 z^{32}$ $+1553005049380541723917860 z^{31}$ $+641908757616632819895904 z^{30}$ $+253385033868321650399160 z^{29}$ $+95430727260685638409560 z^{28}$ $+34257184713785753520640 z^{27}$ $+11708151182146839993300 z^{26}$ $+3805149357499173165594 z^{25}$ $+1174428819511933287820 z^{24}$ $+343735197771953779470 z^{23}$ $+95251973426101445520 z^{22}$ $+24946926245376642220 z^{21} + 6163358552648856300 z^{20}$ $+1433343117232355280 z^{19} + 313025993813738030 z^{18}$ $+64029333620632380 z^{17} + 12230054769116730 z^{16}$ $+2174192398000420 z^{15} + 358458717160320 z^{14}$ $+54501551649720 z^{13} + 7637050324120 z^{12}$ $+968669812320 z^{11} + 113873358900 z^{10} + 11496240105 z^9$ $+1146120780 z^8 + 83446755 z^7 + 7897680 z^6 + 302526 z^5$ $+46830 z^4 + 315 z^2 + 1$	
		$1470 z^{102} + 754845 z^{100} + 177804480 z^{98} + 23477140505 z^{96}$ $+1946449294440 z^{94} + 109076158251900 z^{92}$ $+4348502078813984 z^{90} + 128056995039159900 z^{88}$ $+2866679382248852940 z^{86} + 49893872163746972130 z^{84}$ $+687470507161568551680 z^{82}$ $+7610298514919055947082 z^{80}$ $+68514368394534395607400 z^{78}$ $+506770069681968369768540 z^{76}$ $+3106010104489397449737120 z^{74}$ $+15888888811063947963685660 z^{72}$ $+68255461850489652658968594 z^{70}$	

$\{[105, 2, 97]\}$	$x^8 + x^5 + x^2 + 1$	$ \begin{aligned} &+247502913466990299462027915 z^{68} \\ &+760879401994115356393132160 z^{66} \\ &+1990349167411796943159543135 z^{64} \\ &+4443570234221149053439087440 z^{62} \\ &+8487667992841329963264059704 z^{60} \\ &+13897476732033458992287236160 z^{58} \\ &+19534463467731744101959334520 z^{56} \\ &+23594567639455291796433723880 z^{54} \\ &+24502051010204619415863098940 z^{52} \\ &+21878599083858553151429126400 z^{50} \\ &+16792784384541308501570687020 z^{48} \\ &+11070871295009719940008095120 z^{46} \\ &+6261394420948511138566959960 z^{44} \\ &+3032913017008090865160142400 z^{42} \\ &+1255451013290518142615188056 z^{40} \\ &+442899950414482072974912450 z^{38} \\ &+132718953598244953328575235 z^{36} \\ &+33647058658688851470870720 z^{34} \\ &+7182648366647552087057895 z^{32} \\ &+1283817509854350927361864 z^{30} \\ &+190861454815912231866060 z^{28} \\ &+23416303121914453729440 z^{26} \\ &+2348857566433297367980 z^{24} \\ &+190503875445827574540 z^{22} \\ &+12326721367367901186 z^{20} + 626056414538114560 z^{18} \\ &+24460325375662890 z^{16} + 716785970309640 z^{14} \\ &+15247218118860 z^{12} + 225376658976 z^{10} \\ &+2178467340 z^8 + 12557230 z^6 + 38325 z^4 + 1 \end{aligned} $	$ \left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\} $
		$ \begin{aligned} &1470 z^{102} + 754845 z^{100} + 177804480 z^{98} + 23477140505 z^{96} \\ &+ 1946449294440 z^{94} + 109076158251900 z^{92} \\ &+ 4348502078813984 z^{90} + 128056995039159900 z^{88} \end{aligned} $	

$\{[105, 2, 97]\}$

$$x^8 + x^6 + x^3 + 1$$

$$\begin{aligned}
&+2866679382248852940 z^{86} + 49893872163746972130 z^{84} \\
&+687470507161568551680 z^{82} \\
&+7610298514919055947082 z^{80} \\
&+68514368394534395607400 z^{78} \\
&+506770069681968369768540 z^{76} \\
&+3106010104489397449737120 z^{74} \\
&+15888888811063947963685660 z^{72} \\
&+68255461850489652658968594 z^{70} \\
&+247502913466990299462027915 z^{68} \\
&+760879401994115356393132160 z^{66} \\
&+1990349167411796943159543135 z^{64} \\
&+4443570234221149053439087440 z^{62} \\
&+8487667992841329963264059704 z^{60} \\
&+13897476732033458992287236160 z^{58} \\
&+19534463467731744101959334520 z^{56} \\
&+23594567639455291796433723880 z^{54} \\
&+24502051010204619415863098940 z^{52} \\
&+21878599083858553151429126400 z^{50} \\
&+16792784384541308501570687020 z^{48} \\
&+11070871295009719940008095120 z^{46} \\
&+6261394420948511138566959960 z^{44} \\
&+3032913017008090865160142400 z^{42} \\
&+1255451013290518142615188056 z^{40} \\
&+442899950414482072974912450 z^{38} \\
&+132718953598244953328575235 z^{36} \\
&+33647058658688851470870720 z^{34} \\
&+7182648366647552087057895 z^{32} \\
&+1283817509854350927361864 z^{30} \\
&+190861454815912231866060 z^{28} \\
&+23416303121914453729440 z^{26} \\
&+2348857566433297367980 z^{24}
\end{aligned}$$

$$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+190503875445827574540 z^{22}$ $+12326721367367901186 z^{20} + 626056414538114560 z^{18}$ $+24460325375662890 z^{16} + 716785970309640 z^{14}$ $+15247218118860 z^{12} + 225376658976 z^{10}$ $+2178467340 z^8 + 12557230 z^6 + 38325 z^4 + 1$	
		$z^{105} + 210 z^{103} + 875 z^{102} + 34230 z^{101} + 425250 z^{100} + 6640375 z^{99}$ $+ 90219150 z^{98} + 1090782000 z^{97} + 11741706725 z^{96}$ $+ 112666165500 z^{95} + 973085368080 z^{94}$ $+ 7623467107900 z^{93} + 54538254889860 z^{92}$ $+ 358394175744600 z^{91} + 2174255951972132 z^{90}$ $+ 12230165543040270 z^{89} + 64028476273313160 z^{88}$ $+ 313028167779385240 z^{87} + 1433339656561640730 z^{86}$ $+ 6163360722347710896 z^{85} + 24946936550685147200 z^{84}$ $+ 95251938374685404970 z^{83}$ $+ 343735252539247770600 z^{82}$ $+ 1174428780349313514760 z^{81}$ $+ 3805149255716828150334 z^{80}$ $+ 11708151563037772492020 z^{79}$ $+ 34257184210925211086040 z^{78}$ $+ 95430727427531334886740 z^{77}$ $+ 253385034817217671456620 z^{76}$ $+ 641908754855408647118064 z^{75}$ $+ 1553005052224412741869740 z^{74}$ $+ 3591324183395330255151075 z^{73}$ $+ 7944444405691005881795280 z^{72}$ $+ 16823529329547852462987450 z^{71}$ $+ 34127730925002192363407649 z^{70}$ $+ 66359476798263825436971270 z^{69}$ $+ 123751456733376652070562210 z^{68}$ $+ 221449975208583074252431965 z^{67}$ $+ 380439700998104718621529830 z^{66}$	

$\{[105, 2, 97]\}$

$$x^8 + x^6 + x^3 + x + 1$$

$$\begin{aligned}
&+627725506644812953266942528 z^{65} \\
&+995174583704260080408329175 z^{64} \\
&+1516456508501746875668553240 z^{63} \\
&+2221785117110922467579294400 z^{62} \\
&+3130697210479199388580797720 z^{61} \\
&+4243833996423540295484578920 z^{60} \\
&+5535435647500833910852842000 z^{59} \\
&+6948738366011617540058639400 z^{58} \\
&+8396392192269191969260737300 z^{57} \\
&+9767231733868693072533073200 z^{56} \\
&+10939299541936822176418419072 z^{55} \\
&+11797283819731167629777834460 z^{54} \\
&+12251025505093719419134027920 z^{53} \\
&+12251025505093719419134027920 z^{52} \\
&+11797283819731167629777834460 z^{51} \\
&+10939299541936822176418419072 z^{50} \\
&+9767231733868693072533073200 z^{49} \\
&+8396392192269191969260737300 z^{48} \\
&+6948738366011617540058639400 z^{47} \\
&+5535435647500833910852842000 z^{46} \\
&+4243833996423540295484578920 z^{45} \\
&+3130697210479199388580797720 z^{44} \\
&+2221785117110922467579294400 z^{43} \\
&+1516456508501746875668553240 z^{42} \\
&+995174583704260080408329175 z^{41} \\
&+627725506644812953266942528 z^{40} \\
&+380439700998104718621529830 z^{39} \\
&+221449975208583074252431965 z^{38} \\
&+123751456733376652070562210 z^{37} \\
&+66359476798263825436971270 z^{36} \\
&+34127730925002192363407649 z^{35}
\end{aligned}$$

$$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$



		$+16823529329547852462987450 z^{34}$ $+7944444405691005881795280 z^{33}$ $+3591324183395330255151075 z^{32}$ $+1553005052224412741869740 z^{31}$ $+641908754855408647118064 z^{30}$ $+253385034817217671456620 z^{29}$ $+95430727427531334886740 z^{28}$ $+34257184210925211086040 z^{27}$ $+11708151563037772492020 z^{26}$ $+3805149255716828150334 z^{25}$ $+1174428780349313514760 z^{24}$ $+343735252539247770600 z^{23}$ $+95251938374685404970 z^{22}$ $+24946936550685147200 z^{21} + 6163360722347710896 z^{20}$ $+1433339656561640730 z^{19} + 313028167779385240 z^{18}$ $+64028476273313160 z^{17} + 12230165543040270 z^{16}$ $+2174255951972132 z^{15} + 358394175744600 z^{14}$ $+54538254889860 z^{13} + 7623467107900 z^{12}$ $+973085368080 z^{11} + 112666165500 z^{10} + 11741706725 z^9$ $+1090782000 z^8 + 90219150 z^7 + 6640375 z^6 + 425250 z^5$ $+34230 z^4 + 875 z^3 + 210 z^2 + 1$	
		$z^{105} + 210 z^{103} + 60480 z^{101} + 11641000 z^{99} + 42656250 z^{98}$ $+ 1473895500 z^{97} + 9071015625 z^{96} + 128973264000 z^{95}$ $+ 885199875000 z^{94} + 8043727941200 z^{93}$ $+ 52749002250000 z^{92} + 365187673333800 z^{91}$ $+ 2151263552550000 z^{90} + 12299302203270810 z^{89}$ $+ 63845185628437500 z^{88} + 313450049100688220 z^{87}$ $+ 1432523237984475000 z^{86} + 6164587088719502688 z^{85}$ $+ 24945900228674300000 z^{84}$ $+ 95250732945456899160 z^{83}$ $+ 343742967793797757500 z^{82}$	

{[105, 2, 97]}

$$x^8 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned}
&+1174408839736085768780 z^{81} \\
&+3805183771571144576250 z^{80} \\
&+11708114118457579023600 z^{79} \\
&+34257185956926680595400 z^{78} \\
&+95430828400930308526800 z^{77} \\
&+253384768973747120547600 z^{76} \\
&+641909160302590855543960 z^{75} \\
&+1553004723065427897168960 z^{74} \\
&+3591324004568805409020375 z^{73} \\
&+7944445550223720171302620 z^{72} \\
&+16823527188853860860673750 z^{71} \\
&+34127733157683686091796296 z^{70} \\
&+66359476368707095413862400 z^{69} \\
&+123751453380266489520066240 z^{68} \\
&+221449982606505354668710800 z^{67} \\
&+380439692617547848464352670 z^{66} \\
&+627725509967120614451286360 z^{65} \\
&+995174591117631016856572095 z^{64} \\
&+1516456490121381550345188800 z^{63} \\
&+2221785138136158215693793840 z^{62} \\
&+3130697200958586858837386400 z^{61} \\
&+4243833983322223980203162656 z^{60} \\
&+5535435681486853658469786000 z^{59} \\
&+6948738328504927356413145120 z^{58} \\
&+8396392209097951659161375500 z^{57} \\
&+9767231752505159792863515960 z^{56} \\
&+10939299494799129976633598760 z^{55} \\
&+11797283868587633131813812400 z^{54} \\
&+12251025484482909433235976000 z^{53} \\
&+12251025484482909433235976000 z^{52} \\
&+11797283868587633131813812400 z^{51}
\end{aligned}$$

$$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

	+10939299494799129976633598760 $z^{50}$
	+9767231752505159792863515960 $z^{49}$
	+8396392209097951659161375500 $z^{48}$
	+6948738328504927356413145120 $z^{47}$
	+5535435681486853658469786000 $z^{46}$
	+4243833983322223980203162656 $z^{45}$
	+3130697200958586858837386400 $z^{44}$
	+2221785138136158215693793840 $z^{43}$
	+1516456490121381550345188800 $z^{42}$
	+995174591117631016856572095 $z^{41}$
	+627725509967120614451286360 $z^{40}$
	+380439692617547848464352670 $z^{39}$
	+221449982606505354668710800 $z^{38}$
	+123751453380266489520066240 $z^{37}$
	+66359476368707095413862400 $z^{36}$
	+34127733157683686091796296 $z^{35}$
	+16823527188853860860673750 $z^{34}$
	+7944445550223720171302620 $z^{33}$
	+3591324004568805409020375 $z^{32}$
	+1553004723065427897168960 $z^{31}$
	+641909160302590855543960 $z^{30}$
	+253384768973747120547600 $z^{29}$
	+95430828400930308526800 $z^{28}$
	+34257185956926680595400 $z^{27}$
	+11708114118457579023600 $z^{26}$
	+3805183771571144576250 $z^{25}$
	+1174408839736085768780 $z^{24}$
	+343742967793797757500 $z^{23}$
	+95250732945456899160 $z^{22}$
	+24945900228674300000 $z^{21}$ + 6164587088719502688 $z^{20}$
	+1432523237984475000 $z^{19}$ + 313450049100688220 $z^{18}$

		$+63845185628437500 z^{17} + 12299302203270810 z^{16}$ $+2151263552550000 z^{15} + 365187673333800 z^{14}$ $+52749002250000 z^{13} + 8043727941200 z^{12}$ $+885199875000 z^{11} + 128973264000 z^{10} + 9071015625 z^9$ $+1473895500 z^8 + 42656250 z^7 + 11641000 z^6 + 60480 z^4$ $+210 z^2 + 1$	
$\{[105, 2, 97]\}$	$x^8 + x^6 + x^5 + x^3 + x + 1$	$510300 z^{100} + 161671545 z^{98} + 22950467505 z^{96}$ $+1937630925720 z^{94} + 109005327877320 z^{92}$ $+4348373296443204 z^{90} + 128058620430569220 z^{88}$ $+2866686561943801800 z^{86} + 49893852634764965120 z^{84}$ $+687470390824712945730 z^{82}$ $+7610298722791372632402 z^{80}$ $+68514369458626951301960 z^{78}$ $+506770067598464028225720 z^{76}$ $+3106010098858277169234900 z^{74}$ $+15888888826125148835761620 z^{72}$ $+68255461864898187630329304 z^{70}$ $+247502913397837363140775740 z^{68}$ $+760879402001881469419514535 z^{66}$ $+1990349167597501625463668175 z^{64}$ $+4443570234060835039392973680 z^{62}$ $+8487667992581446018336056784 z^{60}$ $+13897476732499253855850706440 z^{58}$ $+19534463467807556203913644680 z^{56}$ $+23594567638804059130073571920 z^{54}$ $+24502051010507402309505625440 z^{52}$ $+21878599084319004887421757020 z^{50}$ $+16792784384052971005371717820 z^{48}$ $+11070871294910134547980857360 z^{46}$ $+6261394421291649239874864240 z^{44}$ $+3032913016929008233919060040 z^{42}$	$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+1255451013161453159856785736 z^{40}$ $+442899950484347766312233520 z^{38}$ $+132718953622836118333240340 z^{36}$ $+33647058633476927469405015 z^{34}$ $+7182648365369749145033055 z^{32}$ $+1283817515140369138241144 z^{30}$ $+190861454456581300126440 z^{28}$ $+23416302402374357618100 z^{26}$ $+2348857635176620287860 z^{24}$ $+190503944021644596840 z^{22}$ $+12326718057804482976 z^{20} + 626051983099070850 z^{18}$ $+24460069956947730 z^{16} + 716920186085160 z^{14}$ $+15274977525080 z^{12} + 227720276196 z^{10}$ $+2278678500 z^8 + 14749560 z^6 + 59220 z^4 + 105 z^2 + 1$	
		$1470 z^{102} + 754845 z^{100} + 177804480 z^{98} + 23477140505 z^{96}$ $+ 1946449294440 z^{94} + 109076158251900 z^{92}$ $+ 4348502078813984 z^{90} + 128056995039159900 z^{88}$ $+ 2866679382248852940 z^{86} + 49893872163746972130 z^{84}$ $+ 687470507161568551680 z^{82}$ $+ 7610298514919055947082 z^{80}$ $+ 68514368394534395607400 z^{78}$ $+ 506770069681968369768540 z^{76}$ $+ 3106010104489397449737120 z^{74}$ $+ 15888888811063947963685660 z^{72}$ $+ 68255461850489652658968594 z^{70}$ $+ 247502913466990299462027915 z^{68}$ $+ 760879401994115356393132160 z^{66}$ $+ 1990349167411796943159543135 z^{64}$ $+ 4443570234221149053439087440 z^{62}$ $+ 8487667992841329963264059704 z^{60}$ $+ 13897476732033458992287236160 z^{58}$	

{[105, 2, 97]}	$x^8+x^7+x^6+x^5+x^4+x^2+x+1$	$ \begin{aligned} &+19534463467731744101959334520 z^{56} \\ &+23594567639455291796433723880 z^{54} \\ &+24502051010204619415863098940 z^{52} \\ &+21878599083858553151429126400 z^{50} \\ &+16792784384541308501570687020 z^{48} \\ &+11070871295009719940008095120 z^{46} \\ &+6261394420948511138566959960 z^{44} \\ &+3032913017008090865160142400 z^{42} \\ &+1255451013290518142615188056 z^{40} \\ &+442899950414482072974912450 z^{38} \\ &+132718953598244953328575235 z^{36} \\ &+33647058658688851470870720 z^{34} \\ &+7182648366647552087057895 z^{32} \\ &+1283817509854350927361864 z^{30} \\ &+190861454815912231866060 z^{28} \\ &+23416303121914453729440 z^{26} \\ &+2348857566433297367980 z^{24} \\ &+190503875445827574540 z^{22} \\ &+12326721367367901186 z^{20}+626056414538114560 z^{18} \\ &+24460325375662890 z^{16}+716785970309640 z^{14} \\ &+15247218118860 z^{12}+225376658976 z^{10} \\ &+2178467340 z^8+12557230 z^6+38325 z^4+1 \end{aligned} $	$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$
		$ \begin{aligned} &z^{105}+315 z^{103}+46830 z^{101}+302526 z^{100}+7897680 z^{99} \\ &+83446755 z^{98}+1146120780 z^{97}+11496240105 z^{96} \\ &+113873358900 z^{95}+968669812320 z^{94} \\ &+7637050324120 z^{93}+54501551649720 z^{92} \\ &+358458717160320 z^{91}+2174192398000420 z^{90} \\ &+12230054769116730 z^{89}+64029333620632380 z^{88} \\ &+313025993813738030 z^{87}+1433343117232355280 z^{86} \\ &+6163358552648856300 z^{85}+24946926245376642220 z^{84} \\ &+95251973426101445520 z^{83} \end{aligned} $	

{[105, 2, 97]}

$$x^8 + x^7 + x^6 + x^4 + 1$$

$$\begin{aligned}
&+343735197771953779470 z^{82} \\
&+1174428819511933287820 z^{81} \\
&+3805149357499173165594 z^{80} \\
&+11708151182146839993300 z^{79} \\
&+34257184713785753520640 z^{78} \\
&+95430727260685638409560 z^{77} \\
&+253385033868321650399160 z^{76} \\
&+641908757616632819895904 z^{75} \\
&+1553005049380541723917860 z^{74} \\
&+3591324182415785121327735 z^{73} \\
&+7944444412761953339447260 z^{72} \\
&+16823529317060952349243485 z^{71} \\
&+34127730933344844163380240 z^{70} \\
&+66359476811852511776279490 z^{69} \\
&+123751456698313345073652690 z^{68} \\
&+221449975240355320054273440 z^{67} \\
&+380439700998942716698099365 z^{66} \\
&+627725506582454984922048600 z^{65} \\
&+995174583804483557179707135 z^{64} \\
&+1516456508466391681421419560 z^{63} \\
&+2221785117024818806534032960 z^{62} \\
&+3130697210639234896369360560 z^{61} \\
&+4243833996288711493508576240 z^{60} \\
&+5535435647460659270317088640 z^{59} \\
&+6948738366261661728378312840 z^{58} \\
&+8396392192030220637323467340 z^{57} \\
&+9767231733890442745739642040 z^{56} \\
&+10939299542146371812420664996 z^{55} \\
&+11797283819404157464400558240 z^{54} \\
&+12251025505264801580409850920 z^{53} \\
&+12251025505264801580409850920 z^{52}
\end{aligned}$$

$$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

$$\begin{aligned}
&+11797283819404157464400558240 z^{51} \\
&+10939299542146371812420664996 z^{50} \\
&+9767231733890442745739642040 z^{49} \\
&+8396392192030220637323467340 z^{48} \\
&+6948738366261661728378312840 z^{47} \\
&+5535435647460659270317088640 z^{46} \\
&+4243833996288711493508576240 z^{45} \\
&+3130697210639234896369360560 z^{44} \\
&+2221785117024818806534032960 z^{43} \\
&+1516456508466391681421419560 z^{42} \\
&+995174583804483557179707135 z^{41} \\
&+627725506582454984922048600 z^{40} \\
&+380439700998942716698099365 z^{39} \\
&+221449975240355320054273440 z^{38} \\
&+123751456698313345073652690 z^{37} \\
&+66359476811852511776279490 z^{36} \\
&+34127730933344844163380240 z^{35} \\
&+16823529317060952349243485 z^{34} \\
&+7944444412761953339447260 z^{33} \\
&+3591324182415785121327735 z^{32} \\
&+1553005049380541723917860 z^{31} \\
&+641908757616632819895904 z^{30} \\
&+253385033868321650399160 z^{29} \\
&+95430727260685638409560 z^{28} \\
&+34257184713785753520640 z^{27} \\
&+11708151182146839993300 z^{26} \\
&+3805149357499173165594 z^{25} \\
&+1174428819511933287820 z^{24} \\
&+343735197771953779470 z^{23} \\
&+95251973426101445520 z^{22} \\
&+24946926245376642220 z^{21} + 6163358552648856300 z^{20}
\end{aligned}$$



		$+1433343117232355280 z^{19} + 313025993813738030 z^{18}$ $+64029333620632380 z^{17} + 12230054769116730 z^{16}$ $+2174192398000420 z^{15} + 358458717160320 z^{14}$ $+54501551649720 z^{13} + 7637050324120 z^{12}$ $+968669812320 z^{11} + 113873358900 z^{10} + 11496240105 z^9$ $+1146120780 z^8 + 83446755 z^7 + 7897680 z^6 + 302526 z^5$ $+46830 z^4 + 315 z^2 + 1$	
$\{[105, 2, 97]\}$	$x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + x + 1$	$1470 z^{102} + 754845 z^{100} + 177804480 z^{98} + 23477140505 z^{96}$ $+1946449294440 z^{94} + 109076158251900 z^{92}$ $+4348502078813984 z^{90} + 128056995039159900 z^{88}$ $+2866679382248852940 z^{86} + 49893872163746972130 z^{84}$ $+687470507161568551680 z^{82}$ $+7610298514919055947082 z^{80}$ $+68514368394534395607400 z^{78}$ $+506770069681968369768540 z^{76}$ $+3106010104489397449737120 z^{74}$ $+15888888811063947963685660 z^{72}$ $+68255461850489652658968594 z^{70}$ $+247502913466990299462027915 z^{68}$ $+760879401994115356393132160 z^{66}$ $+1990349167411796943159543135 z^{64}$ $+4443570234221149053439087440 z^{62}$ $+8487667992841329963264059704 z^{60}$ $+13897476732033458992287236160 z^{58}$ $+19534463467731744101959334520 z^{56}$ $+23594567639455291796433723880 z^{54}$ $+24502051010204619415863098940 z^{52}$ $+21878599083858553151429126400 z^{50}$ $+16792784384541308501570687020 z^{48}$ $+11070871295009719940008095120 z^{46}$ $+6261394420948511138566959960 z^{44}$	$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+3032913017008090865160142400 z^{42}$ $+1255451013290518142615188056 z^{40}$ $+442899950414482072974912450 z^{38}$ $+132718953598244953328575235 z^{36}$ $+33647058658688851470870720 z^{34}$ $+7182648366647552087057895 z^{32}$ $+1283817509854350927361864 z^{30}$ $+190861454815912231866060 z^{28}$ $+23416303121914453729440 z^{26}$ $+2348857566433297367980 z^{24}$ $+190503875445827574540 z^{22}$ $+12326721367367901186 z^{20} + 626056414538114560 z^{18}$ $+24460325375662890 z^{16} + 716785970309640 z^{14}$ $+15247218118860 z^{12} + 225376658976 z^{10}$ $+2178467340 z^8 + 12557230 z^6 + 38325 z^4 + 1$	
		$z^{105} + 315 z^{103} + 1715 z^{102} + 46830 z^{101} + 508326 z^{100}$ $+ 7309435 z^{99} + 93819075 z^{98} + 1103767140 z^{97}$ $+ 11777478545 z^{96} + 112715692740 z^{95} + 972978767460 z^{94}$ $+ 7622631934960 z^{93} + 54535704424320 z^{92}$ $+ 358390899906900 z^{91} + 2174262007771700 z^{90}$ $+ 12230201754399090 z^{89} + 64028549677468740 z^{88}$ $+ 313028195841907630 z^{87} + 1433339355949715550 z^{86}$ $+ 6163359834432790500 z^{85} + 24946935852348670340 z^{84}$ $+ 95251940268949391550 z^{83}$ $+ 343735258883711140110 z^{82}$ $+ 1174428787121370150580 z^{81}$ $+ 3805149247946902925874 z^{80}$ $+ 11708151525485020623780 z^{79}$ $+ 34257184168019025068100 z^{78}$ $+ 95430727461822179004480 z^{77}$ $+ 253385034984911423406960 z^{76}$	

{[105, 2, 97]}

$$x^8+x^7+x^5+x^4+x^3+x+1$$

$$\begin{aligned}
&+641908755043106446539924 z^{75} \\
&+1553005052118058565788020 z^{74} \\
&+3591324182766262803514815 z^{73} \\
&+7944444404988183708086100 z^{72} \\
&+16823529329950228763450685 z^{71} \\
&+34127730927017438796760965 z^{70} \\
&+66359476800160344853912650 z^{69} \\
&+123751456732064355875078370 z^{68} \\
&+221449975203322759897016685 z^{67} \\
&+380439700993809746138790885 z^{66} \\
&+627725506648870332866581320 z^{65} \\
&+995174583715959314554930575 z^{64} \\
&+1516456508508223709101521480 z^{63} \\
&+2221785117101070503193692040 z^{62} \\
&+3130697210459830866865950240 z^{61} \\
&+4243833996415576489528324800 z^{60} \\
&+5535435647517804496805397480 z^{59} \\
&+6948738366040287391497038760 z^{58} \\
&+8396392192276869310128671100 z^{57} \\
&+9767231733841450146407468040 z^{56} \\
&+10939299541902673862353244196 z^{55} \\
&+11797283819728912810523262660 z^{54} \\
&+12251025505126675515360835800 z^{53} \\
&+12251025505126675515360835800 z^{52} \\
&+11797283819728912810523262660 z^{51} \\
&+10939299541902673862353244196 z^{50} \\
&+9767231733841450146407468040 z^{49} \\
&+8396392192276869310128671100 z^{48} \\
&+6948738366040287391497038760 z^{47} \\
&+5535435647517804496805397480 z^{46} \\
&+4243833996415576489528324800 z^{45}
\end{aligned}$$

$$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$ \begin{aligned} &+3130697210459830866865950240 z^{44} \\ &+2221785117101070503193692040 z^{43} \\ &+1516456508508223709101521480 z^{42} \\ &+995174583715959314554930575 z^{41} \\ &+627725506648870332866581320 z^{40} \\ &+380439700993809746138790885 z^{39} \\ &+221449975203322759897016685 z^{38} \\ &+123751456732064355875078370 z^{37} \\ &+66359476800160344853912650 z^{36} \\ &+34127730927017438796760965 z^{35} \\ &+16823529329950228763450685 z^{34} \\ &+7944444404988183708086100 z^{33} \\ &+3591324182766262803514815 z^{32} \\ &+1553005052118058565788020 z^{31} \\ &+641908755043106446539924 z^{30} \\ &+253385034984911423406960 z^{29} \\ &+95430727461822179004480 z^{28} \\ &+34257184168019025068100 z^{27} \\ &+11708151525485020623780 z^{26} \\ &+3805149247946902925874 z^{25} \\ &+1174428787121370150580 z^{24} \\ &+343735258883711140110 z^{23} \\ &+95251940268949391550 z^{22} \\ &+24946935852348670340 z^{21} + 6163359834432790500 z^{20} \\ &+1433339355949715550 z^{19} + 313028195841907630 z^{18} \\ &+64028549677468740 z^{17} + 12230201754399090 z^{16} \\ &+2174262007771700 z^{15} + 358390899906900 z^{14} \\ &+54535704424320 z^{13} + 7622631934960 z^{12} \\ &+972978767460 z^{11} + 112715692740 z^{10} + 11777478545 z^9 \\ &+1103767140 z^8 + 93819075 z^7 + 7309435 z^6 + 508326 z^5 \\ &+46830 z^4 + 1715 z^3 + 315 z^2 + 1 \end{aligned} $	
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$$\begin{aligned}
& z^{105} + 210 z^{103} + 875 z^{102} + 34230 z^{101} + 425250 z^{100} + 6640375 z^{99} \\
& + 90219150 z^{98} + 1090782000 z^{97} + 11741706725 z^{96} \\
& + 112666165500 z^{95} + 973085368080 z^{94} \\
& + 7623467107900 z^{93} + 54538254889860 z^{92} \\
& + 358394175744600 z^{91} + 2174255951972132 z^{90} \\
& + 12230165543040270 z^{89} + 64028476273313160 z^{88} \\
& + 313028167779385240 z^{87} + 1433339656561640730 z^{86} \\
& + 6163360722347710896 z^{85} + 24946936550685147200 z^{84} \\
& + 95251938374685404970 z^{83} \\
& + 343735252539247770600 z^{82} \\
& + 1174428780349313514760 z^{81} \\
& + 3805149255716828150334 z^{80} \\
& + 11708151563037772492020 z^{79} \\
& + 34257184210925211086040 z^{78} \\
& + 95430727427531334886740 z^{77} \\
& + 253385034817217671456620 z^{76} \\
& + 641908754855408647118064 z^{75} \\
& + 1553005052224412741869740 z^{74} \\
& + 3591324183395330255151075 z^{73} \\
& + 7944444405691005881795280 z^{72} \\
& + 16823529329547852462987450 z^{71} \\
& + 34127730925002192363407649 z^{70} \\
& + 66359476798263825436971270 z^{69} \\
& + 123751456733376652070562210 z^{68} \\
& + 221449975208583074252431965 z^{67} \\
& + 380439700998104718621529830 z^{66} \\
& + 627725506644812953266942528 z^{65} \\
& + 995174583704260080408329175 z^{64} \\
& + 1516456508501746875668553240 z^{63} \\
& + 2221785117110922467579294400 z^{62} \\
& + 3130697210479199388580797720 z^{61}
\end{aligned}$$

+4243833996423540295484578920  $z^{60}$   
 +5535435647500833910852842000  $z^{59}$   
 +6948738366011617540058639400  $z^{58}$   
 +8396392192269191969260737300  $z^{57}$   
 +9767231733868693072533073200  $z^{56}$   
 +10939299541936822176418419072  $z^{55}$   
 +11797283819731167629777834460  $z^{54}$   
 +12251025505093719419134027920  $z^{53}$   
 +12251025505093719419134027920  $z^{52}$   
 +11797283819731167629777834460  $z^{51}$   
 +10939299541936822176418419072  $z^{50}$   
 +9767231733868693072533073200  $z^{49}$   
 +8396392192269191969260737300  $z^{48}$   
 +6948738366011617540058639400  $z^{47}$   
 +5535435647500833910852842000  $z^{46}$   
 +4243833996423540295484578920  $z^{45}$   
 +3130697210479199388580797720  $z^{44}$   
 +2221785117110922467579294400  $z^{43}$   
 +1516456508501746875668553240  $z^{42}$   
 +995174583704260080408329175  $z^{41}$   
 +627725506644812953266942528  $z^{40}$   
 +380439700998104718621529830  $z^{39}$   
 +221449975208583074252431965  $z^{38}$   
 +123751456733376652070562210  $z^{37}$   
 +66359476798263825436971270  $z^{36}$   
 +34127730925002192363407649  $z^{35}$   
 +16823529329547852462987450  $z^{34}$   
 +7944444405691005881795280  $z^{33}$   
 +3591324183395330255151075  $z^{32}$   
 +1553005052224412741869740  $z^{31}$   
 +641908754855408647118064  $z^{30}$

$$\left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$$

		$+253385034817217671456620 z^{29}$ $+95430727427531334886740 z^{28}$ $+34257184210925211086040 z^{27}$ $+11708151563037772492020 z^{26}$ $+3805149255716828150334 z^{25}$ $+1174428780349313514760 z^{24}$ $+343735252539247770600 z^{23}$ $+95251938374685404970 z^{22}$ $+24946936550685147200 z^{21} + 6163360722347710896 z^{20}$ $+1433339656561640730 z^{19} + 313028167779385240 z^{18}$ $+64028476273313160 z^{17} + 12230165543040270 z^{16}$ $+2174255951972132 z^{15} + 358394175744600 z^{14}$ $+54538254889860 z^{13} + 7623467107900 z^{12}$ $+973085368080 z^{11} + 112666165500 z^{10} + 11741706725 z^9$ $+1090782000 z^8 + 90219150 z^7 + 6640375 z^6 + 425250 z^5$ $+34230 z^4 + 875 z^3 + 210 z^2 + 1$	
		$510300 z^{100} + 161671545 z^{98} + 22950467505 z^{96}$ $+1937630925720 z^{94} + 109005327877320 z^{92}$ $+4348373296443204 z^{90} + 128058620430569220 z^{88}$ $+2866686561943801800 z^{86} + 49893852634764965120 z^{84}$ $+687470390824712945730 z^{82}$ $+7610298722791372632402 z^{80}$ $+68514369458626951301960 z^{78}$ $+506770067598464028225720 z^{76}$ $+3106010098858277169234900 z^{74}$ $+15888888826125148835761620 z^{72}$ $+68255461864898187630329304 z^{70}$ $+247502913397837363140775740 z^{68}$ $+760879402001881469419514535 z^{66}$ $+1990349167597501625463668175 z^{64}$ $+4443570234060835039392973680 z^{62}$	

$\{[105, 2, 97]\}$	$x^8 + x^7 + x^5 + x^3 + x^2 + 1$	$ \begin{aligned} &+8487667992581446018336056784 z^{60} \\ &+13897476732499253855850706440 z^{58} \\ &+19534463467807556203913644680 z^{56} \\ &+23594567638804059130073571920 z^{54} \\ &+24502051010507402309505625440 z^{52} \\ &+21878599084319004887421757020 z^{50} \\ &+16792784384052971005371717820 z^{48} \\ &+11070871294910134547980857360 z^{46} \\ &+6261394421291649239874864240 z^{44} \\ &+3032913016929008233919060040 z^{42} \\ &+1255451013161453159856785736 z^{40} \\ &+442899950484347766312233520 z^{38} \\ &+132718953622836118333240340 z^{36} \\ &+33647058633476927469405015 z^{34} \\ &+7182648365369749145033055 z^{32} \\ &+1283817515140369138241144 z^{30} \\ &+190861454456581300126440 z^{28} \\ &+23416302402374357618100 z^{26} \\ &+2348857635176620287860 z^{24} \\ &+190503944021644596840 z^{22} \\ &+12326718057804482976 z^{20} + 626051983099070850 z^{18} \\ &+24460069956947730 z^{16} + 716920186085160 z^{14} \\ &+15274977525080 z^{12} + 227720276196 z^{10} \\ &+2278678500 z^8 + 14749560 z^6 + 59220 z^4 + 105 z^2 + 1 \end{aligned} $	$ \left\{ \left[ \frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\} $
		$ \begin{aligned} &z^{108} + 432 z^{106} + 2916 z^{105} + 87048 z^{104} + 1026432 z^{103} \\ &+ 14052726 z^{102} + 166694112 z^{101} + 1807944084 z^{100} \\ &+ 18125570340 z^{99} + 167381554464 z^{98} \\ &+ 1427472337680 z^{97} + 11241090902457 z^{96} \\ &+ 81771034378464 z^{95} + 550303839965880 z^{94} \\ &+ 3433628217266208 z^{93} + 19914781514788170 z^{92} \\ &+ 107665383098228112 z^{91} + 544075204371300720 z^{90} \end{aligned} $	



+2576793956928067080  $z^{89}$  +11466251685992637036  $z^{88}$   
+48049010644265398944  $z^{87}$   
+190013679842176817388  $z^{86}$   
+710491435541250522912  $z^{85}$   
+2516334811827288309180  $z^{84}$   
+8454899075732845048584  $z^{83}$   
+26990644922089489389744  $z^{82}$   
+81971561693493908623696  $z^{81}$   
+237131932647808802202858  $z^{80}$   
+654156912843040261721760  $z^{79}$   
+1722613075951677676160472  $z^{78}$   
+4334316822236610844018272  $z^{77}$   
+10429450269740499221053191  $z^{76}$   
+24019340822465144813886672  $z^{75}$   
+52983840880880130716784000  $z^{74}$   
+112022977915388681893281564  $z^{73}$   
+227157703666353505400072724  $z^{72}$   
+442036609381124438772765024  $z^{71}$   
+825910503787434951696112938  $z^{70}$   
+1482403467918418241986244160  $z^{69}$   
+2557145986884922812447790800  $z^{68}$   
+4241120182464728083015885788  $z^{67}$   
+6765596489888165447098645680  $z^{66}$   
+10384403915047895879689569312  $z^{65}$   
+15340596681020861213406091935  $z^{64}$   
+21817737482479308669001164480  $z^{63}$   
+29880814363253803219885608816  $z^{62}$   
+39417244481484522050426286912  $z^{61}$   
+50092748217547702641531892332  $z^{60}$   
+61338059072357860466844337440  $z^{59}$   
+72378909723643130874197343456  $z^{58}$

$+82313269873366298665717573488 z^{57}$   
 $+90228007329385175693607418200 z^{56}$   
 $+95335252992395068803595900992 z^{55}$   
 $+97100720625592725507041749224 z^{54}$   
 $+95335252992395068803595900992 z^{53}$   
 $+90228007329385175693607418200 z^{52}$   
 $+82313269873366298665717573488 z^{51}$   
 $+72378909723643130874197343456 z^{50}$   
 $+61338059072357860466844337440 z^{49}$   
 $+50092748217547702641531892332 z^{48}$   
 $+39417244481484522050426286912 z^{47}$   
 $+29880814363253803219885608816 z^{46}$   
 $+21817737482479308669001164480 z^{45}$   
 $+15340596681020861213406091935 z^{44}$   
 $+10384403915047895879689569312 z^{43}$   
 $+6765596489888165447098645680 z^{42}$   
 $+4241120182464728083015885788 z^{41}$   
 $+2557145986884922812447790800 z^{40}$   
 $+1482403467918418241986244160 z^{39}$   
 $+825910503787434951696112938 z^{38}$   
 $+442036609381124438772765024 z^{37}$   
 $+227157703666353505400072724 z^{36}$   
 $+112022977915388681893281564 z^{35}$   
 $+52983840880880130716784000 z^{34}$   
 $+24019340822465144813886672 z^{33}$   
 $+10429450269740499221053191 z^{32}$   
 $+4334316822236610844018272 z^{31}$   
 $+1722613075951677676160472 z^{30}$   
 $+654156912843040261721760 z^{29}$   
 $+237131932647808802202858 z^{28}$   
 $+81971561693493908623696 z^{27}$

$\{[54, 3\sqrt{3}]\}$

		$+26990644922089489389744 z^{26}$ $+8454899075732845048584 z^{25}$ $+2516334811827288309180 z^{24}$ $+710491435541250522912 z^{23}$ $+190013679842176817388 z^{22}$ $+48049010644265398944 z^{21}$ $+11466251685992637036 z^{20} + 2576793956928067080 z^{19}$ $+544075204371300720 z^{18} + 107665383098228112 z^{17}$ $+19914781514788170 z^{16} + 3433628217266208 z^{15}$ $+550303839965880 z^{14} + 81771034378464 z^{13}$ $+11241090902457 z^{12} + 1427472337680 z^{11}$ $+167381554464 z^{10} + 18125570340 z^9 + 1807944084 z^8$ $+166694112 z^7 + 14052726 z^6 + 1026432 z^5 + 87048 z^4$ $+2916 z^3 + 432 z^2 + 1$	
		$59049 z^{104} + 19210608 z^{102} + 3129636366 z^{100}$ $+318141140400 z^{98} + 22134954324645 z^{96}$ $+1096185594709440 z^{94} + 39797395985387448 z^{92}$ $+1088052790385739456 z^{90} + 22932746079565025142 z^{88}$ $+380029859246296917216 z^{86}$ $+5032672064840475435420 z^{84}$ $+53981265803883648229728 z^{82}$ $+474263817049036399893174 z^{80}$ $+3445226301396927962374848 z^{78}$ $+20858900907244186988901720 z^{76}$ $+105967681035212808809611200 z^{74}$ $+454315405634200502289897147 z^{72}$ $+1651821010494002573499867024 z^{70}$ $+5114291978917878607183543506 z^{68}$ $+13531192970446234399240684368 z^{66}$ $+30681193351937802975345714615 z^{64}$ $+59761628748698376702648875904 z^{62}$	

$\{[108, 2, 100]\}$	$x^8 + x^6 + x^2 + 1$	$ \begin{aligned} &+100185496446803237349202155888 z^{60} \\ &+144757819409780367374728019328 z^{58} \\ &+180456014653573157745978710340 z^{56} \\ &+194201441295644043033367344192 z^{54} \\ &+180456014653102324324402977672 z^{52} \\ &+144757819410209135629107630912 z^{50} \\ &+100185496446794779742444386596 z^{48} \\ &+59761628748425933154237449088 z^{46} \\ &+30681193352139299652753049200 z^{44} \\ &+13531192970444305004205770112 z^{42} \\ &+5114291978835788009645550159 z^{40} \\ &+1651821010539228062235111312 z^{38} \\ &+454315405637092377169857426 z^{36} \\ &+105967681022162574522484560 z^{34} \\ &+20858900911688147838361731 z^{32} \\ &+3445226302321998796365504 z^{30} \\ &+474263816072783594310360 z^{28} \\ &+53981265930442580712384 z^{26} \\ &+5032672143620440720230 z^{24} \\ &+380029834966343320800 z^{22} \\ &+22932743465228895900 z^{20} + 1088054425506885984 z^{18} \\ &+39797430917526342 z^{16} + 1096127497828800 z^{14} \\ &+22132988551224 z^{12} + 319137962688 z^{10} \\ &+3242290221 z^8 + 23671152 z^6 + 126414 z^4 + 432 z^2 + 1 \end{aligned} $	$\{[54, 3\sqrt{3}]\}$
		$ \begin{aligned} &z^{108} + 270 z^{106} + 81351 z^{104} + 17721684 z^{102} + 2853382923 z^{100} \\ &+ 304409848518 z^{98} + 21800334557853 z^{96} \\ &+ 1091694928790736 z^{94} + 39764708198796222 z^{92} \\ &+ 1087956087385764756 z^{90} + 22932997435029814578 z^{88} \\ &+ 380032348800345755688 z^{86} \\ &+ 5032674416966452516386 z^{84} \\ &+ 53981241859891659608244 z^{82} \end{aligned} $	

$\{[108, 2, 100]\}$ 

$$x^8 + x^6 + x^5 + x^3 + x^2 + 1$$

$$\begin{aligned} &+474263769476086238685006 z^{80} \\ &+3445226449977323329470864 z^{78} \\ &+20858901271393016213744283 z^{76} \\ &+105967680315458783133107178 z^{74} \\ &+454315403949351421534157181 z^{72} \\ &+1651821013372442299257524076 z^{70} \\ &+5114291984045442871004564433 z^{68} \\ &+13531192961285549291045614722 z^{66} \\ &+30681193341710083802928791463 z^{64} \\ &+59761628770578619733624596896 z^{62} \\ &+100185496459144260352758624276 z^{60} \\ &+144757819372154419929257777016 z^{58} \\ &+180456014647520141910628085388 z^{56} \\ &+194201441341075252471560441392 z^{54} \\ &+180456014647520141910628085388 z^{52} \\ &+144757819372154419929257777016 z^{50} \\ &+100185496459144260352758624276 z^{48} \\ &+59761628770578619733624596896 z^{46} \\ &+30681193341710083802928791463 z^{44} \\ &+13531192961285549291045614722 z^{42} \\ &+5114291984045442871004564433 z^{40} \\ &+1651821013372442299257524076 z^{38} \\ &+454315403949351421534157181 z^{36} \\ &+105967680315458783133107178 z^{34} \\ &+20858901271393016213744283 z^{32} \\ &+3445226449977323329470864 z^{30} \\ &+474263769476086238685006 z^{28} \\ &+53981241859891659608244 z^{26} \\ &+5032674416966452516386 z^{24} \\ &+380032348800345755688 z^{22} \\ &+22932997435029814578 z^{20} + 1087956087385764756 z^{18} \end{aligned}$$

 $\{[54, 3\sqrt{3}]\}$

		$+39764708198796222 z^{16} + 1091694928790736 z^{14}$ $+21800334557853 z^{12} + 304409848518 z^{10}$ $+2853382923 z^8 + 17721684 z^6 + 81351 z^4 + 270 z^2 + 1$	
		$z^{108} + 594 z^{106} + 161271 z^{104} + 26510220 z^{102} + 2947400379 z^{100}$ $+ 5159780352 z^{99} + 234643232538 z^{98} + 851363758080 z^{97}$ $+ 13826984095197 z^{96} + 65498251788288 z^{95}$ $+ 615820529606832 z^{94} + 3123344614883328 z^{93}$ $+ 21029647922665470 z^{92} + 103549601797373952 z^{91}$ $+ 557000769267674028 z^{90} + 2538555327909199872 z^{89}$ $+ 11568307092364592658 z^{88}$ $+ 47804799780173905920 z^{87}$ $+ 190545669434438652312 z^{86}$ $+ 709489313528700469248 z^{85}$ $+ 2517960048055789431042 z^{84}$ $+ 8452859025616982507520 z^{83}$ $+ 26991947808246242182284 z^{82}$ $+ 81973640822056037908480 z^{81}$ $+ 237121629409838889533070 z^{80}$ $+ 654180703285730509062144 z^{79}$ $+ 1722573993325667663080944 z^{78}$ $+ 4334362834400373555855360 z^{77}$ $+ 10429426286288482399005915 z^{76}$ $+ 24019296188654338311979008 z^{75}$ $+ 52984004972921000581992246 z^{74}$ $+ 112022676630341474917810176 z^{73}$ $+ 227158062671360679423648717 z^{72}$ $+ 442036381707952131850371072 z^{71}$ $+ 825910325941935296609236404 z^{70}$ $+ 1482404276573336089758007296 z^{69}$ $+ 2557144621716497044707623841 z^{68}$ $+ 4241121638352839832333975552 z^{67}$	

$\{[108, 2, 100]\}$ 

$$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned} &+6765595787410402411045254942 z^{66} \\ &+10384402986177369304204836864 z^{65} \\ &+15340599455685252445385452071 z^{64} \\ &+21817733607982657225003892736 z^{63} \\ &+29880817593289436319443026272 z^{62} \\ &+39417243975179503203712499712 z^{61} \\ &+50092745021425771388809327764 z^{60} \\ &+61338065222703142065488265216 z^{59} \\ &+72378903177016939731919384584 z^{58} \\ &+82313273423749215544580505600 z^{57} \\ &+90228008789560193081837592780 z^{56} \\ &+95335246841835397448957165568 z^{55} \\ &+97100728765714247708610873936 z^{54} \\ &+95335246841835397448957165568 z^{53} \\ &+90228008789560193081837592780 z^{52} \\ &+82313273423749215544580505600 z^{51} \\ &+72378903177016939731919384584 z^{50} \\ &+61338065222703142065488265216 z^{49} \\ &+50092745021425771388809327764 z^{48} \\ &+39417243975179503203712499712 z^{47} \\ &+29880817593289436319443026272 z^{46} \\ &+21817733607982657225003892736 z^{45} \\ &+15340599455685252445385452071 z^{44} \\ &+10384402986177369304204836864 z^{43} \\ &+6765595787410402411045254942 z^{42} \\ &+4241121638352839832333975552 z^{41} \\ &+2557144621716497044707623841 z^{40} \\ &+1482404276573336089758007296 z^{39} \\ &+825910325941935296609236404 z^{38} \\ &+442036381707952131850371072 z^{37} \\ &+227158062671360679423648717 z^{36} \end{aligned}$$

 $\{[54, 3\sqrt{3}]\}$

		$+112022676630341474917810176 z^{35}$ $+52984004972921000581992246 z^{34}$ $+24019296188654338311979008 z^{33}$ $+10429426286288482399005915 z^{32}$ $+4334362834400373555855360 z^{31}$ $+1722573993325667663080944 z^{30}$ $+654180703285730509062144 z^{29}$ $+237121629409838889533070 z^{28}$ $+81973640822056037908480 z^{27}$ $+26991947808246242182284 z^{26}$ $+8452859025616982507520 z^{25}$ $+2517960048055789431042 z^{24}$ $+709489313528700469248 z^{23}$ $+190545669434438652312 z^{22}$ $+47804799780173905920 z^{21}$ $+11568307092364592658 z^{20} + 2538555327909199872 z^{19}$ $+557000769267674028 z^{18} + 103549601797373952 z^{17}$ $+21029647922665470 z^{16} + 3123344614883328 z^{15}$ $+615820529606832 z^{14} + 65498251788288 z^{13}$ $+13826984095197 z^{12} + 851363758080 z^{11}$ $+234643232538 z^{10} + 5159780352 z^9 + 2947400379 z^8$ $+26510220 z^6 + 161271 z^4 + 594 z^2 + 1$	
		$z^{108} + 432 z^{106} + 106731 z^{104} + 21519144 z^{102} + 3183306831 z^{100}$ $+ 318642184368 z^{98} + 22134159155853 z^{96}$ $+ 1096155234704160 z^{94} + 39797414328968046 z^{92}$ $+ 1088053639829436384 z^{90} + 22932744583162256730 z^{88}$ $+ 380029847500334692944 z^{86}$ $+ 5032672105030143151050 z^{84}$ $+ 53981265859147548317664 z^{82}$ $+ 474263816586386189807934 z^{80}$ $+ 3445226301823654199596704 z^{78}$	



$\{[108, 2, 100]\}$

$$x^8 + x^7 + x^6 + x^2 + x + 1$$

$$\begin{aligned} &+20858900909431326807730635 z^{76} \\ &+105967681028990478317900880 z^{74} \\ &+454315405634886374974348473 z^{72} \\ &+1651821010517600995820059224 z^{70} \\ &+5114291978876732270605489581 z^{68} \\ &+13531192970442724244986787664 z^{66} \\ &+30681193352044699640221125255 z^{64} \\ &+59761628748554169616810159680 z^{62} \\ &+100185496446804082808619123828 z^{60} \\ &+144757819409997516272629826112 z^{58} \\ &+180456014653326262401781230396 z^{56} \\ &+194201441295659336699601231968 z^{54} \\ &+180456014653326262401781230396 z^{52} \\ &+144757819409997516272629826112 z^{50} \\ &+100185496446804082808619123828 z^{48} \\ &+59761628748554169616810159680 z^{46} \\ &+30681193352044699640221125255 z^{44} \\ &+13531192970442724244986787664 z^{42} \\ &+5114291978876732270605489581 z^{40} \\ &+1651821010517600995820059224 z^{38} \\ &+454315405634886374974348473 z^{36} \\ &+105967681028990478317900880 z^{34} \\ &+20858900909431326807730635 z^{32} \\ &+3445226301823654199596704 z^{30} \\ &+474263816586386189807934 z^{28} \\ &+53981265859147548317664 z^{26} \\ &+5032672105030143151050 z^{24} \\ &+380029847500334692944 z^{22} \\ &+22932744583162256730 z^{20} + 1088053639829436384 z^{18} \\ &+39797414328968046 z^{16} + 1096155234704160 z^{14} \\ &+22134159155853 z^{12} + 318642184368 z^{10} \end{aligned}$$

$\{[54, 3\sqrt{3}]\}$

		$+3183306831 z^8 + 21519144 z^6 + 106731 z^4 + 432 z^2 + 1$	
		$z^{110} + 550 z^{108} + 139425 z^{106} + 322102 z^{105} + 21603120 z^{104}$ $+ 112735700 z^{103} + 2288190300 z^{102} + 17710778470 z^{101}$ $+ 201558113361 z^{100} + 1657073065120 z^{99}$ $+ 13998561357330 z^{98} + 103492319579880 z^{97}$ $+ 719322799373145 z^{96} + 4592517465887120 z^{95}$ $+ 27270568739964330 z^{94} + 150787385377864840 z^{93}$ $+ 779013842730864840 z^{92} + 3772308851543254880 z^{91}$ $+ 17163817157615720130 z^{90}$ $+ 73559786486875105340 z^{89}$ $+ 297583465021592900700 z^{88}$ $+ 1138577439772791513000 z^{87}$ $+ 4127346333388938263340 z^{86}$ $+ 14198063108001914158204 z^{85}$ $+ 46416737343433735232130 z^{84}$ $+ 144407652712200227048160 z^{83}$ $+ 428065513747780873847960 z^{82}$ $+ 1210392204095681570069480 z^{81}$ $+ 3268059021041539344099018 z^{80}$ $+ 8433700506777854677405520 z^{79}$ $+ 20820698272474340268055335 z^{78}$ $+ 49212559307525100563401160 z^{77}$ $+ 111451972061881611177441270 z^{76}$ $+ 242009997546574096974811424 z^{75}$ $+ 504187494560738992603958655 z^{74}$ $+ 1008374989380489236609374810 z^{73}$ $+ 1937141429176098578639864460 z^{72}$ $+ 3576261096135298188922169580 z^{71}$ $+ 6347863445014491740046063720 z^{70}$ $+ 10837815639921903311011407690 z^{69}$ $+ 17804982831015370813662470895 z^{68}$	

$\{[110, 2, 102]\}$

$x^8+x^6+x^4+x^2+1$

+28156717043453306239739565120  $z^{67}$   
+42875000958796573244610310290  $z^{66}$   
+62883334728885658172458636880  $z^{65}$   
+88856886038291627638700068575  $z^{64}$   
+120996610767213892599703342880  $z^{63}$   
+158808051614015074622245582380  $z^{62}$   
+200940800024710093692561197200  $z^{61}$   
+245147776029100608365769947616  $z^{60}$   
+288409148266151325221150034880  $z^{59}$   
+327233456712728848541651638620  $z^{58}$   
+358104537507930587219426285320  $z^{57}$   
+377999234021022846748528133880  $z^{56}$   
+384871947386202068995848381232  $z^{55}$   
+377999234021022846748528133880  $z^{54}$   
+358104537507930587219426285320  $z^{53}$   
+327233456712728848541651638620  $z^{52}$   
+288409148266151325221150034880  $z^{51}$   
+245147776029100608365769947616  $z^{50}$   
+200940800024710093692561197200  $z^{49}$   
+158808051614015074622245582380  $z^{48}$   
+120996610767213892599703342880  $z^{47}$   
+88856886038291627638700068575  $z^{46}$   
+62883334728885658172458636880  $z^{45}$   
+42875000958796573244610310290  $z^{44}$   
+28156717043453306239739565120  $z^{43}$   
+17804982831015370813662470895  $z^{42}$   
+10837815639921903311011407690  $z^{41}$   
+6347863445014491740046063720  $z^{40}$   
+3576261096135298188922169580  $z^{39}$   
+1937141429176098578639864460  $z^{38}$   
+1008374989380489236609374810  $z^{37}$

$\left\{ \left[ 55, \frac{\sqrt{110}}{2} \right] \right\}$

		$+504187494560738992603958655 z^{36}$ $+242009997546574096974811424 z^{35}$ $+111451972061881611177441270 z^{34}$ $+49212559307525100563401160 z^{33}$ $+20820698272474340268055335 z^{32}$ $+8433700506777854677405520 z^{31}$ $+3268059021041539344099018 z^{30}$ $+1210392204095681570069480 z^{29}$ $+428065513747780873847960 z^{28}$ $+144407652712200227048160 z^{27}$ $+46416737343433735232130 z^{26}$ $+14198063108001914158204 z^{25}$ $+4127346333388938263340 z^{24}$ $+1138577439772791513000 z^{23}$ $+297583465021592900700 z^{22}$ $+73559786486875105340 z^{21}$ $+17163817157615720130 z^{20} + 3772308851543254880 z^{19}$ $+779013842730864840 z^{18} + 150787385377864840 z^{17}$ $+27270568739964330 z^{16} + 4592517465887120 z^{15}$ $+719322799373145 z^{14} + 103492319579880 z^{13}$ $+13998561357330 z^{12} + 1657073065120 z^{11}$ $+201558113361 z^{10} + 17710778470 z^9 + 2288190300 z^8$ $+112735700 z^7 + 21603120 z^6 + 322102 z^5 + 139425 z^4$ $+550 z^2 + 1$	
		$z^{112} + 728 z^{110} + 239876 z^{108} + 47325096 z^{106} + 6236229818 z^{104}$ $+ 580348917512 z^{102} + 39391824739540 z^{100}$ $+ 1991173217763192 z^{98} + 76143502197185787 z^{96}$ $+ 2235005045163047248 z^{94} + 51111908281396645592 z^{92}$ $+ 924335118157274598320 z^{90}$ $+ 13405347970075970520612 z^{88}$ $+ 157877959723045949693488 z^{86}$	

$$\{[112, 2, 104]\} x^8 + 1$$

$$\begin{aligned}
&+1526575093566486616521624 z^{84} \\
&+12233786884033260424672976 z^{82} \\
&+81912394310882542376928777 z^{80} \\
&+461395888277066733533480392 z^{78} \\
&+2199318936442066174573571916 z^{76} \\
&+8916156491367901170969535416 z^{74} \\
&+30875052978495689539598260966 z^{72} \\
&+91656958440468715398854809752 z^{70} \\
&+233986840732436076970607053404 z^{68} \\
&+514997107454845903685413958888 z^{66} \\
&+979316306231328551472256568571 z^{64} \\
&+1611674860955317211044612149984 z^{62} \\
&+2298399078548653922300930905616 z^{60} \\
&+2842883529091224936691002868512 z^{58} \\
&+3051484702119241578484454898808 z^{56} \\
&+2842883529091224936691002868512 z^{54} \\
&+2298399078548653922300930905616 z^{52} \\
&+1611674860955317211044612149984 z^{50} \\
&+979316306231328551472256568571 z^{48} \\
&+514997107454845903685413958888 z^{46} \\
&+233986840732436076970607053404 z^{44} \\
&+91656958440468715398854809752 z^{42} \\
&+30875052978495689539598260966 z^{40} \\
&+8916156491367901170969535416 z^{38} \\
&+2199318936442066174573571916 z^{36} \\
&+461395888277066733533480392 z^{34} \\
&+81912394310882542376928777 z^{32} \\
&+12233786884033260424672976 z^{30} \\
&+1526575093566486616521624 z^{28} \\
&+157877959723045949693488 z^{26} \\
&+13405347970075970520612 z^{24}
\end{aligned}$$

$$\{[56, 2\sqrt{7}]\}$$

		$+924335118157274598320 z^{22}$ $+51111908281396645592 z^{20} + 2235005045163047248 z^{18}$ $+76143502197185787 z^{16} + 1991173217763192 z^{14}$ $+39391824739540 z^{12} + 580348917512 z^{10}$ $+6236229818 z^8 + 47325096 z^6 + 239876 z^4 + 728 z^2 + 1$	
$\{[112, 2, 104]\}$	$x^8 + x^4 + x^2 + 1$	$z^{112} + 392 z^{110} + 129668 z^{108} + 26009592 z^{106} + 4029150650 z^{104}$ $+ 449171536408 z^{102} + 34585716773972 z^{100}$ $+ 1877325827083112 z^{98} + 74344391419924731 z^{96}$ $+ 2215792095223394800 z^{94} + 50975233108314875864 z^{92}$ $+ 923732936545311553808 z^{90}$ $+ 13404163693510379728932 z^{88}$ $+ 157880426657868093317264 z^{86}$ $+ 1526595168895975570554008 z^{84}$ $+ 12233817818064416788863600 z^{82}$ $+ 81912316260057729565338121 z^{80}$ $+ 461395578471405044003294296 z^{78}$ $+ 2199318924815947160230278092 z^{76}$ $+ 8916157801725235627590016552 z^{74}$ $+ 30875054130179773515284751846 z^{72}$ $+ 91656955123651510349617357000 z^{70}$ $+ 233986835752619863654153350364 z^{68}$ $+ 514997112882907093060661542328 z^{66}$ $+ 979316318392612984600765674747 z^{64}$ $+ 1611674855419505843123172252832 z^{62}$ $+ 2298399058498564020652758395920 z^{60}$ $+ 2842883531482443175682817117536 z^{58}$ $+ 3051484725695001542994266753144 z^{56}$ $+ 2842883531482443175682817117536 z^{54}$ $+ 2298399058498564020652758395920 z^{52}$ $+ 1611674855419505843123172252832 z^{50}$ $+ 979316318392612984600765674747 z^{48}$	$\{[56, 2\sqrt{7}]\}$

		$ \begin{aligned} &+514997112882907093060661542328 z^{46} \\ &+233986835752619863654153350364 z^{44} \\ &+91656955123651510349617357000 z^{42} \\ &+30875054130179773515284751846 z^{40} \\ &+8916157801725235627590016552 z^{38} \\ &+2199318924815947160230278092 z^{36} \\ &+461395578471405044003294296 z^{34} \\ &+81912316260057729565338121 z^{32} \\ &+12233817818064416788863600 z^{30} \\ &+1526595168895975570554008 z^{28} \\ &+157880426657868093317264 z^{26} \\ &+13404163693510379728932 z^{24} \\ &+923732936545311553808 z^{22} \\ &+50975233108314875864 z^{20} + 2215792095223394800 z^{18} \\ &+74344391419924731 z^{16} + 1877325827083112 z^{14} \\ &+34585716773972 z^{12} + 449171536408 z^{10} \\ &+4029150650 z^8 + 26009592 z^6 + 129668 z^4 + 392 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{112} + 392 z^{110} + 129668 z^{108} + 26009592 z^{106} + 4029150650 z^{104} \\ &+ 449171536408 z^{102} + 34585716773972 z^{100} \\ &+ 1877325827083112 z^{98} + 74344391419924731 z^{96} \\ &+ 2215792095223394800 z^{94} + 50975233108314875864 z^{92} \\ &+ 923732936545311553808 z^{90} \\ &+ 13404163693510379728932 z^{88} \\ &+ 157880426657868093317264 z^{86} \\ &+ 1526595168895975570554008 z^{84} \\ &+ 12233817818064416788863600 z^{82} \\ &+ 81912316260057729565338121 z^{80} \\ &+ 461395578471405044003294296 z^{78} \\ &+ 2199318924815947160230278092 z^{76} \\ &+ 8916157801725235627590016552 z^{74} \\ &+ 30875054130179773515284751846 z^{72} \end{aligned} $	

$\{[112, 2, 104]\}$	$x^8 + x^6 + x^4 + 1$	$ \begin{aligned} &+91656955123651510349617357000 z^{70} \\ &+233986835752619863654153350364 z^{68} \\ &+514997112882907093060661542328 z^{66} \\ &+979316318392612984600765674747 z^{64} \\ &+1611674855419505843123172252832 z^{62} \\ &+2298399058498564020652758395920 z^{60} \\ &+2842883531482443175682817117536 z^{58} \\ &+3051484725695001542994266753144 z^{56} \\ &+2842883531482443175682817117536 z^{54} \\ &+2298399058498564020652758395920 z^{52} \\ &+1611674855419505843123172252832 z^{50} \\ &+979316318392612984600765674747 z^{48} \\ &+514997112882907093060661542328 z^{46} \\ &+233986835752619863654153350364 z^{44} \\ &+91656955123651510349617357000 z^{42} \\ &+30875054130179773515284751846 z^{40} \\ &+8916157801725235627590016552 z^{38} \\ &+2199318924815947160230278092 z^{36} \\ &+461395578471405044003294296 z^{34} \\ &+81912316260057729565338121 z^{32} \\ &+12233817818064416788863600 z^{30} \\ &+1526595168895975570554008 z^{28} \\ &+157880426657868093317264 z^{26} \\ &+13404163693510379728932 z^{24} \\ &+923732936545311553808 z^{22} \\ &+50975233108314875864 z^{20} + 2215792095223394800 z^{18} \\ &+74344391419924731 z^{16} + 1877325827083112 z^{14} \\ &+34585716773972 z^{12} + 449171536408 z^{10} \\ &+4029150650 z^8 + 26009592 z^6 + 129668 z^4 + 392 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 56 z^{110} + 59556 z^{108} + 19387592 z^{106} + 3735121530 z^{104} \\ &+ 442355406248 z^{102} + 34507063952116 z^{100} \end{aligned} $	



{[112, 2, 104]}

$x^8+x^6+x^5+x^2+x+1$

$+1877020351919448 z^{98} + 74346128514186235 z^{96}$   
 $+2215806945460912272 z^{94} + 50975213092287096984 z^{92}$   
 $+923732642447225564016 z^{90}$   
 $+13404164006958274070948 z^{88}$   
 $+157880430120556951902192 z^{86}$   
 $+1526595163385351185185624 z^{84}$   
 $+12233817794055580941523984 z^{82}$   
 $+81912316321023167454537993 z^{80}$   
 $+461395578549919134228240616 z^{78}$   
 $+2199318924433352530044023340 z^{76}$   
 $+8916157801791289057212469272 z^{74}$   
 $+30875054131498829116641853734 z^{72}$   
 $+91656955122105866145985811576 z^{70}$   
 $+233986835750594367078509866428 z^{68}$   
 $+514997112888444145904408502920 z^{66}$   
 $+979316318391628510361133779707 z^{64}$   
 $+1611674855410652895358623380064 z^{62}$   
 $+2298399058507437175423171022992 z^{60}$   
 $+2842883531487180972994538319264 z^{58}$   
 $+3051484725681290753334615092600 z^{56}$   
 $+2842883531487180972994538319264 z^{54}$   
 $+2298399058507437175423171022992 z^{52}$   
 $+1611674855410652895358623380064 z^{50}$   
 $+979316318391628510361133779707 z^{48}$   
 $+514997112888444145904408502920 z^{46}$   
 $+233986835750594367078509866428 z^{44}$   
 $+91656955122105866145985811576 z^{42}$   
 $+30875054131498829116641853734 z^{40}$   
 $+8916157801791289057212469272 z^{38}$   
 $+2199318924433352530044023340 z^{36}$   
 $+461395578549919134228240616 z^{34}$

{[56, 2  $\sqrt{7}$ ]}

		$+81912316321023167454537993 z^{32}$ $+12233817794055580941523984 z^{30}$ $+1526595163385351185185624 z^{28}$ $+157880430120556951902192 z^{26}$ $+13404164006958274070948 z^{24}$ $+923732642447225564016 z^{22}$ $+50975213092287096984 z^{20} + 2215806945460912272 z^{18}$ $+74346128514186235 z^{16} + 1877020351919448 z^{14}$ $+34507063952116 z^{12} + 442355406248 z^{10}$ $+3735121530 z^8 + 19387592 z^6 + 59556 z^4 + 56 z^2 + 1$	
		$z^{112} + 56 z^{110} + 59556 z^{108} + 19387592 z^{106} + 3735121530 z^{104}$ $+ 442355406248 z^{102} + 34507063952116 z^{100}$ $+ 1877020351919448 z^{98} + 74346128514186235 z^{96}$ $+ 2215806945460912272 z^{94} + 50975213092287096984 z^{92}$ $+ 923732642447225564016 z^{90}$ $+ 13404164006958274070948 z^{88}$ $+ 157880430120556951902192 z^{86}$ $+ 1526595163385351185185624 z^{84}$ $+ 12233817794055580941523984 z^{82}$ $+ 81912316321023167454537993 z^{80}$ $+ 461395578549919134228240616 z^{78}$ $+ 2199318924433352530044023340 z^{76}$ $+ 8916157801791289057212469272 z^{74}$ $+ 30875054131498829116641853734 z^{72}$ $+ 91656955122105866145985811576 z^{70}$ $+ 233986835750594367078509866428 z^{68}$ $+ 514997112888444145904408502920 z^{66}$ $+ 979316318391628510361133779707 z^{64}$ $+ 1611674855410652895358623380064 z^{62}$ $+ 2298399058507437175423171022992 z^{60}$ $+ 2842883531487180972994538319264 z^{58}$	

{ [112, 2, 104] }	$x^8 + x^7 + x^6 + x^3 + x^2 + 1$	$+3051484725681290753334615092600 z^{56}$ $+2842883531487180972994538319264 z^{54}$ $+2298399058507437175423171022992 z^{52}$ $+1611674855410652895358623380064 z^{50}$ $+979316318391628510361133779707 z^{48}$ $+514997112888444145904408502920 z^{46}$ $+233986835750594367078509866428 z^{44}$ $+91656955122105866145985811576 z^{42}$ $+30875054131498829116641853734 z^{40}$ $+8916157801791289057212469272 z^{38}$ $+2199318924433352530044023340 z^{36}$ $+461395578549919134228240616 z^{34}$ $+81912316321023167454537993 z^{32}$ $+12233817794055580941523984 z^{30}$ $+1526595163385351185185624 z^{28}$ $+157880430120556951902192 z^{26}$ $+13404164006958274070948 z^{24}$ $+923732642447225564016 z^{22}$ $+50975213092287096984 z^{20} + 2215806945460912272 z^{18}$ $+74346128514186235 z^{16} + 1877020351919448 z^{14}$ $+34507063952116 z^{12} + 442355406248 z^{10}$ $+3735121530 z^8 + 19387592 z^6 + 59556 z^4 + 56 z^2 + 1$	{ [56, 2 $\sqrt{7}$ ] }
		$z^{112} + 392 z^{110} + 158340 z^{108} + 34840568 z^{106} + 5059909050 z^{104}$ $+ 508679584280 z^{102} + 36541259252820 z^{100}$ $+ 1916745440955240 z^{98} + 74848579704131835 z^{96}$ $+ 2219852927086998000 z^{94} + 50994080057146181592 z^{92}$ $+ 923762588464673847568 z^{90}$ $+ 13404004074455878119460 z^{88}$ $+ 157879553401867319599248 z^{86}$ $+ 1526594677390757722447000 z^{84}$ $+ 12233824273837944846899824 z^{82}$	

$$\{[112, 2, 104]\} x^8 + x^7 + x + 1$$

$$\begin{aligned}
&+81912328674071019663174153 z^{80} \\
&+461395553056637882482936920 z^{78} \\
&+2199318842545004777738535884 z^{76} \\
&+8916157863175925130626670120 z^{74} \\
&+30875054456868283062934832614 z^{72} \\
&+91656955029225658320573178056 z^{70} \\
&+233986834851489324717567933660 z^{68} \\
&+514997112973206336810373217720 z^{66} \\
&+979316320215325301842868778235 z^{64} \\
&+1611674855369505381835298806944 z^{62} \\
&+2298399055733464647179814677520 z^{60} \\
&+2842883531494918053150865804640 z^{58} \\
&+3051484728869637114775928342648 z^{56} \\
&+2842883531494918053150865804640 z^{54} \\
&+2298399055733464647179814677520 z^{52} \\
&+1611674855369505381835298806944 z^{50} \\
&+979316320215325301842868778235 z^{48} \\
&+514997112973206336810373217720 z^{46} \\
&+233986834851489324717567933660 z^{44} \\
&+91656955029225658320573178056 z^{42} \\
&+30875054456868283062934832614 z^{40} \\
&+8916157863175925130626670120 z^{38} \\
&+2199318842545004777738535884 z^{36} \\
&+461395553056637882482936920 z^{34} \\
&+81912328674071019663174153 z^{32} \\
&+12233824273837944846899824 z^{30} \\
&+1526594677390757722447000 z^{28} \\
&+157879553401867319599248 z^{26} \\
&+13404004074455878119460 z^{24} \\
&+923762588464673847568 z^{22} \\
&+50994080057146181592 z^{20} + 2219852927086998000 z^{18}
\end{aligned}$$

$$\{[56, 2\sqrt{7}]\}$$

		$+74848579704131835 z^{16} + 1916745440955240 z^{14}$ $+36541259252820 z^{12} + 508679584280 z^{10}$ $+5059909050 z^8 + 34840568 z^6 + 158340 z^4 + 392 z^2 + 1$	
		$z^{117} + 702 z^{115} + 225459 z^{113} + 43893252 z^{111} + 5788164915 z^{109}$ $+10604499373 z^{108} + 547568654022 z^{107}$ $+2099690875854 z^{106} + 38433087502329 z^{105}$ $+194221406016495 z^{104} + 2044758195861264 z^{103}$ $+11160556902122628 z^{102} + 83706111041623902 z^{101}$ $+447016838551251111 z^{100} + 2668665428960218740 z^{99}$ $+13278050929659001590 z^{98}$ $+67016496468574360890 z^{97}$ $+303959035449940365885 z^{96}$ $+1341043172437697880840 z^{95}$ $+5503942505209882939920 z^{94}$ $+21633336875125240993650 z^{93}$ $+80328228389571113196102 z^{92}$ $+284488151281373964102516 z^{91}$ $+958481993974715238112084 z^{90}$ $+3081173284092175189032726 z^{89}$ $+9456007517944054567904898 z^{88}$ $+27736674104853106767785424 z^{87}$ $+77844404799626327034409224 z^{86}$ $+209201537778732989340527547 z^{85}$ $+538859904469455694991219562 z^{84}$ $+1331294046581807138995634106 z^{83}$ $+3157069094465186263753750932 z^{82}$ $+7191116380662360877179862465 z^{81}$ $+15742678069888302863306724462 z^{80}$ $+33142535618191462608167387196 z^{79}$ $+67134824061507829890753451728 z^{78}$ $+130912925675321220179279713065 z^{77}$	

$\{[117, 2, 109]\}$

$$x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+245860922722232885249691228447 z^{76} \\
&+444891026461423838908855415874 z^{75} \\
&+775972962699685548467710225770 z^{74} \\
&+1305045220092927198019235676315 z^{73} \\
&+2117073402221504149326124242645 z^{72} \\
&+3313680356359469298871397083680 z^{71} \\
&+5005771909597630029374994046140 z^{70} \\
&+7300084694405993811649017935700 z^{69} \\
&+10279710649353985541626555442565 z^{68} \\
&+13980406403192436232578658275768 z^{67} \\
&+18366416985349595194740975839442 z^{66} \\
&+23311220395368879258501182063292 z^{65} \\
&+28589233643320321818469656915687 z^{64} \\
&+33883535738455025052598818744432 z^{63} \\
&+38812049496982942705285175289888 z^{62} \\
&+42970484701221556704168491929836 z^{61} \\
&+45985955779423959156299596927812 z^{60} \\
&+47571679396384422874557404026104 z^{59} \\
&+47571679396384422874557404026104 z^{58} \\
&+45985955779423959156299596927812 z^{57} \\
&+42970484701221556704168491929836 z^{56} \\
&+38812049496982942705285175289888 z^{55} \\
&+33883535738455025052598818744432 z^{54} \\
&+28589233643320321818469656915687 z^{53} \\
&+23311220395368879258501182063292 z^{52} \\
&+18366416985349595194740975839442 z^{51} \\
&+13980406403192436232578658275768 z^{50} \\
&+10279710649353985541626555442565 z^{49} \\
&+7300084694405993811649017935700 z^{48} \\
&+5005771909597630029374994046140 z^{47} \\
&+3313680356359469298871397083680 z^{46}
\end{aligned}$$

$$\left\{ \left[ \frac{117}{2}, \frac{3\sqrt{13}}{2} \right] \right\}$$

$$\begin{aligned}
&+2117073402221504149326124242645 z^{45} \\
&+1305045220092927198019235676315 z^{44} \\
&+775972962699685548467710225770 z^{43} \\
&+444891026461423838908855415874 z^{42} \\
&+245860922722232885249691228447 z^{41} \\
&+130912925675321220179279713065 z^{40} \\
&+67134824061507829890753451728 z^{39} \\
&+33142535618191462608167387196 z^{38} \\
&+15742678069888302863306724462 z^{37} \\
&+7191116380662360877179862465 z^{36} \\
&+3157069094465186263753750932 z^{35} \\
&+1331294046581807138995634106 z^{34} \\
&+538859904469455694991219562 z^{33} \\
&+209201537778732989340527547 z^{32} \\
&+77844404799626327034409224 z^{31} \\
&+27736674104853106767785424 z^{30} \\
&+9456007517944054567904898 z^{29} \\
&+3081173284092175189032726 z^{28} \\
&+958481993974715238112084 z^{27} \\
&+284488151281373964102516 z^{26} \\
&+80328228389571113196102 z^{25} \\
&+21633336875125240993650 z^{24} \\
&+5503942505209882939920 z^{23} \\
&+1341043172437697880840 z^{22} \\
&+303959035449940365885 z^{21} \\
&+67016496468574360890 z^{20} \\
&+13278050929659001590 z^{19} + 2668665428960218740 z^{18} \\
&+447016838551251111 z^{17} + 83706111041623902 z^{16} \\
&+11160556902122628 z^{15} + 2044758195861264 z^{14} \\
&+194221406016495 z^{13} + 38433087502329 z^{12} \\
&+2099690875854 z^{11} + 547568654022 z^{10}
\end{aligned}$$

		$+10604499373 z^9 + 5788164915 z^8 + 43893252 z^6$ $+225459 z^4 + 702 z^2 + 1$	
		$z^{119} + 357 z^{117} + 60571 z^{115} + 571438 z^{114} + 14497651 z^{113}$ $+214289250 z^{112} + 3072601301 z^{111} + 37774051833 z^{110}$ $+415545412821 z^{109} + 4118784081265 z^{108}$ $+37063745979869 z^{107} + 305071297470905 z^{106}$ $+2309831073747141 z^{105} + 16168756483631129 z^{104}$ $+105097110397207880 z^{103} + 636764685135548823 z^{102}$ $+3608332467740333340 z^{101}$ $+19181138014908322719 z^{100}$ $+95905687935807741978 z^{99}$ $+452126810753798189317 z^{98}$ $+2014019451307773278698 z^{97}$ $+8493908090621472470217 z^{96}$ $+33975632321861675210878 z^{95}$ $+129107402992388025075934 z^{94}$ $+466772918375443447390686 z^{93}$ $+1607773385286737092742766 z^{92}$ $+5282683981068513133155006 z^{91}$ $+16576698008629615641977934 z^{90}$ $+49730094024578367134585774 z^{89}$ $+142773495752817140807070062 z^{88}$ $+392627113317671613696313383 z^{87}$ $+1035107844193256089821994842 z^{86}$ $+2618213958857266181753015899 z^{85}$ $+6358519614361020730459230730 z^{84}$ $+14836545766816326609060423209 z^{83}$ $+33281981044537738940257103056 z^{82}$ $+71819011727676101192488421489 z^{81}$ $+149162562818902756689439620180 z^{80}$ $+298325125637942783643806124239 z^{79}$	



$\{[119, 2, 111]\}$

$$x^8 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+574821583546339207390434719891 z^{78} \\
&+1067525798014352284940203076847 z^{77} \\
&+1911615963886415833487935335611 z^{76} \\
&+3301882119440337179139963047639 z^{75} \\
&+5503136865733193989476934833507 z^{74} \\
&+8852872349223413030014433374863 z^{73} \\
&+13750205989220135906674535756067 z^{72} \\
&+20625308983828885985211119213538 z^{71} \\
&+29885651792894912608663135230757 z^{70} \\
&+41839912510054432105789414140358 z^{69} \\
&+56606940454778091036780912056637 z^{68} \\
&+74024460594709460278237178633788 z^{67} \\
&+93578091695201071129952329280347 z^{66} \\
&+114373223183021646973433153292828 z^{65} \\
&+135168354670842285708307025504815 z^{64} \\
&+154478119623823164622141093566260 z^{63} \\
&+170738974321066902720644019424660 z^{62} \\
&+182514075998379194617617770592500 z^{61} \\
&+188700993828835450724769712279540 z^{60} \\
&+188700993828835450724769712279540 z^{59} \\
&+182514075998379194617617770592500 z^{58} \\
&+170738974321066902720644019424660 z^{57} \\
&+154478119623823164622141093566260 z^{56} \\
&+135168354670842285708307025504815 z^{55} \\
&+114373223183021646973433153292828 z^{54} \\
&+93578091695201071129952329280347 z^{53} \\
&+74024460594709460278237178633788 z^{52} \\
&+56606940454778091036780912056637 z^{51} \\
&+41839912510054432105789414140358 z^{50} \\
&+29885651792894912608663135230757 z^{49} \\
&+20625308983828885985211119213538 z^{48}
\end{aligned}$$

$$\left\{ \left[ \frac{119}{2}, \frac{\sqrt{119}}{2} \right] \right\}$$

+13750205989220135906674535756067  $z^{47}$   
+8852872349223413030014433374863  $z^{46}$   
+5503136865733193989476934833507  $z^{45}$   
+3301882119440337179139963047639  $z^{44}$   
+1911615963886415833487935335611  $z^{43}$   
+1067525798014352284940203076847  $z^{42}$   
+574821583546339207390434719891  $z^{41}$   
+298325125637942783643806124239  $z^{40}$   
+149162562818902756689439620180  $z^{39}$   
+71819011727676101192488421489  $z^{38}$   
+33281981044537738940257103056  $z^{37}$   
+14836545766816326609060423209  $z^{36}$   
+6358519614361020730459230730  $z^{35}$   
+2618213958857266181753015899  $z^{34}$   
+1035107844193256089821994842  $z^{33}$   
+392627113317671613696313383  $z^{32}$   
+142773495752817140807070062  $z^{31}$   
+49730094024578367134585774  $z^{30}$   
+16576698008629615641977934  $z^{29}$   
+5282683981068513133155006  $z^{28}$   
+1607773385286737092742766  $z^{27}$   
+466772918375443447390686  $z^{26}$   
+129107402992388025075934  $z^{25}$   
+33975632321861675210878  $z^{24}$   
+8493908090621472470217  $z^{23}$   
+2014019451307773278698  $z^{22}$   
+452126810753798189317  $z^{21}$   
+95905687935807741978  $z^{20}$   
+19181138014908322719  $z^{19}$  +3608332467740333340  $z^{18}$   
+636764685135548823  $z^{17}$  +105097110397207880  $z^{16}$   
+16168756483631129  $z^{15}$  +2309831073747141  $z^{14}$

		$+305071297470905 z^{13} + 37063745979869 z^{12}$ $+4118784081265 z^{11} + 415545412821 z^{10}$ $+37774051833 z^9 + 3072601301 z^8 + 214289250 z^7$ $+14497651 z^6 + 571438 z^5 + 60571 z^4 + 357 z^2 + 1$	
		$z^{119} + 357 z^{117} + 60571 z^{115} + 571438 z^{114} + 14497651 z^{113}$ $+ 214289250 z^{112} + 3072601301 z^{111} + 37774051833 z^{110}$ $+ 415545412821 z^{109} + 4118784081265 z^{108}$ $+ 37063745979869 z^{107} + 305071297470905 z^{106}$ $+ 2309831073747141 z^{105} + 16168756483631129 z^{104}$ $+ 105097110397207880 z^{103} + 636764685135548823 z^{102}$ $+ 3608332467740333340 z^{101}$ $+ 19181138014908322719 z^{100}$ $+ 95905687935807741978 z^{99}$ $+ 452126810753798189317 z^{98}$ $+ 2014019451307773278698 z^{97}$ $+ 8493908090621472470217 z^{96}$ $+ 33975632321861675210878 z^{95}$ $+ 129107402992388025075934 z^{94}$ $+ 466772918375443447390686 z^{93}$ $+ 1607773385286737092742766 z^{92}$ $+ 5282683981068513133155006 z^{91}$ $+ 16576698008629615641977934 z^{90}$ $+ 49730094024578367134585774 z^{89}$ $+ 142773495752817140807070062 z^{88}$ $+ 392627113317671613696313383 z^{87}$ $+ 1035107844193256089821994842 z^{86}$ $+ 2618213958857266181753015899 z^{85}$ $+ 6358519614361020730459230730 z^{84}$ $+ 14836545766816326609060423209 z^{83}$ $+ 33281981044537738940257103056 z^{82}$ $+ 71819011727676101192488421489 z^{81}$	

{[119, 2, 111]}

$$x^8 + x^7 + x^6 + x^4 + x^2 + x + 1$$

$$\begin{aligned}
&+149162562818902756689439620180 z^{80} \\
&+298325125637942783643806124239 z^{79} \\
&+574821583546339207390434719891 z^{78} \\
&+1067525798014352284940203076847 z^{77} \\
&+1911615963886415833487935335611 z^{76} \\
&+3301882119440337179139963047639 z^{75} \\
&+5503136865733193989476934833507 z^{74} \\
&+8852872349223413030014433374863 z^{73} \\
&+13750205989220135906674535756067 z^{72} \\
&+20625308983828885985211119213538 z^{71} \\
&+29885651792894912608663135230757 z^{70} \\
&+41839912510054432105789414140358 z^{69} \\
&+56606940454778091036780912056637 z^{68} \\
&+74024460594709460278237178633788 z^{67} \\
&+93578091695201071129952329280347 z^{66} \\
&+114373223183021646973433153292828 z^{65} \\
&+135168354670842285708307025504815 z^{64} \\
&+154478119623823164622141093566260 z^{63} \\
&+170738974321066902720644019424660 z^{62} \\
&+182514075998379194617617770592500 z^{61} \\
&+188700993828835450724769712279540 z^{60} \\
&+188700993828835450724769712279540 z^{59} \\
&+182514075998379194617617770592500 z^{58} \\
&+170738974321066902720644019424660 z^{57} \\
&+154478119623823164622141093566260 z^{56} \\
&+135168354670842285708307025504815 z^{55} \\
&+114373223183021646973433153292828 z^{54} \\
&+93578091695201071129952329280347 z^{53} \\
&+74024460594709460278237178633788 z^{52} \\
&+56606940454778091036780912056637 z^{51} \\
&+41839912510054432105789414140358 z^{50}
\end{aligned}$$

$$\left\{ \left[ \frac{119}{2}, \frac{\sqrt{119}}{2} \right] \right\}$$

		+29885651792894912608663135230757 $z^{49}$	
		+20625308983828885985211119213538 $z^{48}$	
		+13750205989220135906674535756067 $z^{47}$	
		+8852872349223413030014433374863 $z^{46}$	
		+5503136865733193989476934833507 $z^{45}$	
		+3301882119440337179139963047639 $z^{44}$	
		+1911615963886415833487935335611 $z^{43}$	
		+1067525798014352284940203076847 $z^{42}$	
		+574821583546339207390434719891 $z^{41}$	
		+298325125637942783643806124239 $z^{40}$	
		+149162562818902756689439620180 $z^{39}$	
		+71819011727676101192488421489 $z^{38}$	
		+33281981044537738940257103056 $z^{37}$	
		+14836545766816326609060423209 $z^{36}$	
		+6358519614361020730459230730 $z^{35}$	
		+2618213958857266181753015899 $z^{34}$	
		+1035107844193256089821994842 $z^{33}$	
		+392627113317671613696313383 $z^{32}$	
		+142773495752817140807070062 $z^{31}$	
		+49730094024578367134585774 $z^{30}$	
		+16576698008629615641977934 $z^{29}$	
		+5282683981068513133155006 $z^{28}$	
		+1607773385286737092742766 $z^{27}$	
		+466772918375443447390686 $z^{26}$	
		+129107402992388025075934 $z^{25}$	
		+33975632321861675210878 $z^{24}$	
		+8493908090621472470217 $z^{23}$	
		+2014019451307773278698 $z^{22}$	
		+452126810753798189317 $z^{21}$	
		+95905687935807741978 $z^{20}$	
		+19181138014908322719 $z^{19}$ + 3608332467740333340 $z^{18}$	

		$+636764685135548823 z^{17} + 105097110397207880 z^{16}$ $+16168756483631129 z^{15} + 2309831073747141 z^{14}$ $+305071297470905 z^{13} + 37063745979869 z^{12}$ $+4118784081265 z^{11} + 415545412821 z^{10}$ $+37774051833 z^9 + 3072601301 z^8 + 214289250 z^7$ $+14497651 z^6 + 571438 z^5 + 60571 z^4 + 357 z^2 + 1$	
$\{[120, 2, 112]\}$	$x^8 + 1$	$2562890625 z^{112} + 621928125000 z^{110} + 70132761562500 z^{108}$ $+4886066761875000 z^{106} + 235946373159656250 z^{104}$ $+8402598529518375000 z^{102}$ $+229366140924991612500 z^{100}$ $+4927289073417371625000 z^{98}$ $+84920317365881778746875 z^{96}$ $+1191736478060068381350000 z^{94}$ $+13781042236410856952727000 z^{92}$ $+132614241358007607407482000 z^{90}$ $+1070801851656857477551121700 z^{88}$ $+7306640239156165716926518800 z^{86}$ $+42390121215792542693108057240 z^{84}$ $+210201989933129304529903127280 z^{82}$ $+894975424495201164767737191561 z^{80}$ $+3284694789848645451559091243160 z^{78}$ $+10426996027896130511265812146380 z^{76}$ $+28712018265751704813318049453800 z^{74}$ $+68751030211384006027945073013350 z^{72}$ $+143451129083539749919967209967496 z^{70}$ $+261262801764090982652801293483740 z^{68}$ $+415902628844081253727307420758520 z^{66}$ $+579292948832394219092114503750395 z^{64}$ $+706506101882472767125084180110240 z^{62}$ $+754803975315272259746266392784912 z^{60}$ $+706506099395380861122053627411040 z^{58}$	$\{[60, \sqrt{30}]\}$

		$+579292948346325090593642212185720 z^{56}$ $+415902630668706282441591161470560 z^{54}$ $+261262802433904362729929942395920 z^{52}$ $+143451128128284339579230394568608 z^{50}$ $+68751029680770418632823636663675 z^{48}$ $+28712018594089471780615462001400 z^{46}$ $+10426996305418322912615912987100 z^{44}$ $+3284694736385279464726039768200 z^{42}$ $+894975329334229257947238509670 z^{40}$ $+210201981157070624148986433000 z^{38}$ $+42390140307963636017849149900 z^{36}$ $+7306646973110926637658358680 z^{34}$ $+1070800584761457647001720585 z^{32}$ $+132612926731005475334966512 z^{30}$ $+13780787222116825430522520 z^{28}$ $+1191784813185959553081360 z^{26}$ $+84957844003751380753700 z^{24}$ $+4937295593126944160400 z^{22}$ $+230981213799608737752 z^{20}$ $+8577804774438061680 z^{18} + 249114904305019515 z^{16}$ $+5573117602515240 z^{14} + 94625867415380 z^{12}$ $+1199719944024 z^{10} + 11118447930 z^8 + 72893240 z^6$ $+319620 z^4 + 840 z^2 + 1$	
		$z^{120} + 180 z^{118} + 4480 z^{117} + 69450 z^{116} + 1083264 z^{115}$ $+ 16795140 z^{114} + 246927360 z^{113} + 3347172435 z^{112}$ $+ 41069040640 z^{111} + 453921391896 z^{110}$ $+ 4534338382080 z^{109} + 41180116192180 z^{108}$ $+ 342120100020480 z^{107} + 2614856077966680 z^{106}$ $+ 18478565306348544 z^{105} + 121265980505925165 z^{104}$ $+ 741862368737280000 z^{103} + 4245098808042213900 z^{102}$ $+ 22789470699559347840 z^{101}$	

+115086819231402751566  $z^{100}$   
+548032483990320028800  $z^{99}$   
+2466146240245014846300  $z^{98}$   
+10507927565522878156800  $z^{97}$   
+42469540592850278096175  $z^{96}$   
+163083035513207918905344  $z^{95}$   
+595880321200665944289840  $z^{94}$   
+2074546302844403056407040  $z^{93}$   
+6890457364656448172564040  $z^{92}$   
+21859381989457196350640640  $z^{91}$   
+66306792039267611224031536  $z^{90}$   
+192503589785679865608652800  $z^{89}$   
+535400609069040978386090685  $z^{88}$   
+1427734957493444227210383360  $z^{87}$   
+3653321803013166358656923700  $z^{86}$   
+8976733573201728496517837184  $z^{85}$   
+21195065381269276898194666330  $z^{84}$   
+48118526811492821329834569600  $z^{83}$   
+105100992772200535370908479300  $z^{82}$   
+220981574546365349593575546880  $z^{81}$   
+447487688456488931501135580471  $z^{80}$   
+873146709184122411879724600320  $z^{79}$   
+1642347381561411115894404295080  $z^{78}$   
+2979141761901866767114686324480  $z^{77}$   
+5213498083326593421384548635020  $z^{76}$   
+8805018985172029464059481364224  $z^{75}$   
+14356009214954896909485621191400  $z^{74}$   
+22603078338443053445908171238400  $z^{73}$   
+34375514973052126418320011302025  $z^{72}$   
+50510960776728433589070467174400  $z^{71}$   
+71725564302948315581515674504876  $z^{70}$



+98446852964826018590165713019520  $z^{69}$   
 +130631401049483165484529230866190  $z^{68}$   
 +167602552289911863688893619904640  $z^{67}$   
 +207951314878230387020415820748220  $z^{66}$   
 +249541577853872569445028566605824  $z^{65}$   
 +289646474294662062793130909537235  $z^{64}$   
 +325217093944876472756683937771520  $z^{63}$   
 +353253050319440186584254561762720  $z^{62}$   
 +371215069827221299927657084738560  $z^{61}$   
 +377401987657681706108503906830576  $z^{60}$   
 +371215069827221299927657084738560  $z^{59}$   
 +353253050319440186584254561762720  $z^{58}$   
 +325217093944876472756683937771520  $z^{57}$   
 +289646474294662062793130909537235  $z^{56}$   
 +249541577853872569445028566605824  $z^{55}$   
 +207951314878230387020415820748220  $z^{54}$   
 +167602552289911863688893619904640  $z^{53}$   
 +130631401049483165484529230866190  $z^{52}$   
 +98446852964826018590165713019520  $z^{51}$   
 +71725564302948315581515674504876  $z^{50}$   
 +50510960776728433589070467174400  $z^{49}$   
 +34375514973052126418320011302025  $z^{48}$   
 +22603078338443053445908171238400  $z^{47}$   
 +14356009214954896909485621191400  $z^{46}$   
 +8805018985172029464059481364224  $z^{45}$   
 +5213498083326593421384548635020  $z^{44}$   
 +2979141761901866767114686324480  $z^{43}$   
 +1642347381561411115894404295080  $z^{42}$   
 +873146709184122411879724600320  $z^{41}$   
 +447487688456488931501135580471  $z^{40}$   
 +220981574546365349593575546880  $z^{39}$

$\{[60, \sqrt{30}]\}$

		$+105100992772200535370908479300 z^{38}$ $+48118526811492821329834569600 z^{37}$ $+21195065381269276898194666330 z^{36}$ $+8976733573201728496517837184 z^{35}$ $+3653321803013166358656923700 z^{34}$ $+1427734957493444227210383360 z^{33}$ $+535400609069040978386090685 z^{32}$ $+192503589785679865608652800 z^{31}$ $+66306792039267611224031536 z^{30}$ $+21859381989457196350640640 z^{29}$ $+6890457364656448172564040 z^{28}$ $+2074546302844403056407040 z^{27}$ $+595880321200665944289840 z^{26}$ $+163083035513207918905344 z^{25}$ $+42469540592850278096175 z^{24}$ $+10507927565522878156800 z^{23}$ $+2466146240245014846300 z^{22}$ $+548032483990320028800 z^{21}$ $+115086819231402751566 z^{20}$ $+22789470699559347840 z^{19} + 4245098808042213900 z^{18}$ $+741862368737280000 z^{17} + 121265980505925165 z^{16}$ $+18478565306348544 z^{15} + 2614856077966680 z^{14}$ $+342120100020480 z^{13} + 41180116192180 z^{12}$ $+4534338382080 z^{11} + 453921391896 z^{10}$ $+41069040640 z^9 + 3347172435 z^8 + 246927360 z^7$ $+16795140 z^6 + 1083264 z^5 + 69450 z^4 + 4480 z^3 + 180 z^2 + 1$	
		$z^{120} + 540 z^{118} + 4000 z^{117} + 136170 z^{116} + 1764000 z^{115}$ $+ 27297420 z^{114} + 359510400 z^{113} + 4366632915 z^{112}$ $+ 48953545600 z^{111} + 505949773512 z^{110}$ $+ 4834643638080 z^{109} + 42706846653940 z^{108}$ $+ 348986008445760 z^{107} + 2642289698634120 z^{106}$	

$$\begin{aligned}
&+18575854303900032 z^{105} + 121570559444707245 z^{104} \\
&+742695063946139520 z^{103} + 4247040947179595940 z^{102} \\
&+22793134758346203360 z^{101} \\
&+115091571620664907566 z^{100} \\
&+548032961696690527200 z^{99} \\
&+2466126349872853223700 z^{98} \\
&+10507856313745493510400 z^{97} \\
&+42469384358500686780975 z^{96} \\
&+163082812087631132460288 z^{95} \\
&+595880210795171725023120 z^{94} \\
&+2074546762017338096187520 z^{93} \\
&+6890459046171976534896840 z^{92} \\
&+21859385153952974757087360 z^{91} \\
&+66306795322329165736361104 z^{90} \\
&+192503588971740864121048320 z^{89} \\
&+535400597805016872418189245 z^{88} \\
&+1427734932388378394722218240 z^{87} \\
&+3653321773082312082287503260 z^{86} \\
&+8976733567152534963267733152 z^{85} \\
&+21195065439330957041090319610 z^{84} \\
&+48118526950993249776668468640 z^{83} \\
&+105100992937595807535105791820 z^{82} \\
&+220981574588791036444572910720 z^{81} \\
&+447487688202178767678593615799 z^{80} \\
&+873146708603732673862109665920 z^{79} \\
&+1642347380940251201511079960440 z^{78} \\
&+2979141761813156323353296591040 z^{77} \\
&+5213498084266885334505310233420 z^{76} \\
&+8805018986995202986874957804736 z^{75} \\
&+14356009216571608559084453004600 z^{74} \\
&+22603078338284520504588603830400 z^{73}
\end{aligned}$$

$+34375514970294955335682218306825 z^{72}$   
 $+50510960772465395189209667011200 z^{71}$   
 $+71725564300100053821386682674052 z^{70}$   
 $+98446852966291253709069930835680 z^{69}$   
 $+130631401055568873734593593090030 z^{68}$   
 $+167602552297189491190119990881760 z^{67}$   
 $+207951314881348577008931832044340 z^{66}$   
 $+249541577849545485951501691762176 z^{65}$   
 $+289646474284809852802063848645075 z^{64}$   
 $+325217093935981152964723791060480 z^{63}$   
 $+353253050318036087467451278552800 z^{62}$   
 $+371215069834815046605943957559040 z^{61}$   
 $+377401987669260432265765151497200 z^{60}$   
 $+371215069834815046605943957559040 z^{59}$   
 $+353253050318036087467451278552800 z^{58}$   
 $+325217093935981152964723791060480 z^{57}$   
 $+289646474284809852802063848645075 z^{56}$   
 $+249541577849545485951501691762176 z^{55}$   
 $+207951314881348577008931832044340 z^{54}$   
 $+167602552297189491190119990881760 z^{53}$   
 $+130631401055568873734593593090030 z^{52}$   
 $+98446852966291253709069930835680 z^{51}$   
 $+71725564300100053821386682674052 z^{50}$   
 $+50510960772465395189209667011200 z^{49}$   
 $+34375514970294955335682218306825 z^{48}$   
 $+22603078338284520504588603830400 z^{47}$   
 $+14356009216571608559084453004600 z^{46}$   
 $+8805018986995202986874957804736 z^{45}$   
 $+5213498084266885334505310233420 z^{44}$   
 $+2979141761813156323353296591040 z^{43}$   
 $+1642347380940251201511079960440 z^{42}$

$\{[60, \sqrt{30}]\}$

		$ \begin{aligned} &+873146708603732673862109665920 z^{41} \\ &+447487688202178767678593615799 z^{40} \\ &+220981574588791036444572910720 z^{39} \\ &+105100992937595807535105791820 z^{38} \\ &+48118526950993249776668468640 z^{37} \\ &+21195065439330957041090319610 z^{36} \\ &+8976733567152534963267733152 z^{35} \\ &+3653321773082312082287503260 z^{34} \\ &+1427734932388378394722218240 z^{33} \\ &+535400597805016872418189245 z^{32} \\ &+192503588971740864121048320 z^{31} \\ &+66306795322329165736361104 z^{30} \\ &+21859385153952974757087360 z^{29} \\ &+6890459046171976534896840 z^{28} \\ &+2074546762017338096187520 z^{27} \\ &+595880210795171725023120 z^{26} \\ &+163082812087631132460288 z^{25} \\ &+42469384358500686780975 z^{24} \\ &+10507856313745493510400 z^{23} \\ &+2466126349872853223700 z^{22} \\ &+548032961696690527200 z^{21} \\ &+115091571620664907566 z^{20} \\ &+22793134758346203360 z^{19} + 4247040947179595940 z^{18} \\ &+742695063946139520 z^{17} + 121570559444707245 z^{16} \\ &+18575854303900032 z^{15} + 2642289698634120 z^{14} \\ &+348986008445760 z^{13} + 42706846653940 z^{12} \\ &+4834643638080 z^{11} + 505949773512 z^{10} \\ &+48953545600 z^9 + 4366632915 z^8 + 359510400 z^7 \\ &+27297420 z^6 + 1764000 z^5 + 136170 z^4 + 4000 z^3 + 540 z^2 \\ &+1 \end{aligned} $	
		$ z^{120} + 420 z^{118} + 83370 z^{116} + 589824 z^{115} + 18264500 z^{114} $	

$$\begin{aligned}
&+217251840 z^{113} + 3478364115 z^{112} + 39926169600 z^{111} \\
&+ 459299307576 z^{110} + 4507502837760 z^{109} \\
&+ 41289236748660 z^{108} + 341756058992640 z^{107} \\
&+ 2615959364233080 z^{106} + 18476040893825024 z^{105} \\
&+ 121270203866329005 z^{104} + 741859551444664320 z^{103} \\
&+ 4245083213437902620 z^{102} \\
&+ 22789540690867322880 z^{101} \\
&+ 115086645640411772526 z^{100} \\
&+ 548032760275493847040 z^{99} \\
&+ 2466146177551877890860 z^{98} \\
&+ 10507926621060627824640 z^{97} \\
&+ 42469543592392793266735 z^{96} \\
&+ 163083030169263691137024 z^{95} \\
&+ 595880324401037326896240 z^{94} \\
&+ 2074546313309608828600320 z^{93} \\
&+ 6890457329273407248014280 z^{92} \\
&+ 21859382047280598792929280 z^{91} \\
&+ 66306792008531145044991856 z^{90} \\
&+ 192503589677159485493084160 z^{89} \\
&+ 535400609382985015701839805 z^{88} \\
&+ 1427734957098285409842626560 z^{87} \\
&+ 3653321803077074476921561380 z^{86} \\
&+ 8976733574123060427710398464 z^{85} \\
&+ 21195065379285263050123234490 z^{84} \\
&+ 48118526813101728819107266560 z^{83} \\
&+ 105100992773319528706502188020 z^{82} \\
&+ 220981574540824412743762247680 z^{81} \\
&+ 447487688464544449336091582391 z^{80} \\
&+ 873146709181568931958968483840 z^{79} \\
&+ 1642347381550562669803001625480 z^{78} \\
&+ 2979141761923687064329242869760 z^{77}
\end{aligned}$$

$+5213498083308665064265336102860 z^{76}$   
 $+8805018985163262866665831727104 z^{75}$   
 $+14356009215000414973214994292680 z^{74}$   
 $+22603078338390279545677630341120 z^{73}$   
 $+34375514973061202018468796298505 z^{72}$   
 $+50510960776789126742133535211520 z^{71}$   
 $+71725564302842839287809873776956 z^{70}$   
 $+98446852964891577278215462256640 z^{69}$   
 $+130631401049541833528528012973870 z^{68}$   
 $+167602552289753132519749468815360 z^{67}$   
 $+207951314878365894886805251570700 z^{66}$   
 $+249541577853878312424839040466944 z^{65}$   
 $+289646474294487093880723575759315 z^{64}$   
 $+325217093945095344274609611735040 z^{63}$   
 $+353253050319374330105752974938400 z^{62}$   
 $+371215069827074890474165028782080 z^{61}$   
 $+377401987657919307568727040988656 z^{60}$   
 $+371215069827074890474165028782080 z^{59}$   
 $+353253050319374330105752974938400 z^{58}$   
 $+325217093945095344274609611735040 z^{57}$   
 $+289646474294487093880723575759315 z^{56}$   
 $+249541577853878312424839040466944 z^{55}$   
 $+207951314878365894886805251570700 z^{54}$   
 $+167602552289753132519749468815360 z^{53}$   
 $+130631401049541833528528012973870 z^{52}$   
 $+98446852964891577278215462256640 z^{51}$   
 $+71725564302842839287809873776956 z^{50}$   
 $+50510960776789126742133535211520 z^{49}$   
 $+34375514973061202018468796298505 z^{48}$   
 $+22603078338390279545677630341120 z^{47}$   
 $+14356009215000414973214994292680 z^{46}$

$\{[60, \sqrt{30}]\}$

$$\begin{aligned}
&+8805018985163262866665831727104 z^{45} \\
&+5213498083308665064265336102860 z^{44} \\
&+2979141761923687064329242869760 z^{43} \\
&+1642347381550562669803001625480 z^{42} \\
&+873146709181568931958968483840 z^{41} \\
&+447487688464544449336091582391 z^{40} \\
&+220981574540824412743762247680 z^{39} \\
&+105100992773319528706502188020 z^{38} \\
&+48118526813101728819107266560 z^{37} \\
&+21195065379285263050123234490 z^{36} \\
&+8976733574123060427710398464 z^{35} \\
&+3653321803077074476921561380 z^{34} \\
&+1427734957098285409842626560 z^{33} \\
&+535400609382985015701839805 z^{32} \\
&+192503589677159485493084160 z^{31} \\
&+66306792008531145044991856 z^{30} \\
&+21859382047280598792929280 z^{29} \\
&+6890457329273407248014280 z^{28} \\
&+2074546313309608828600320 z^{27} \\
&+595880324401037326896240 z^{26} \\
&+163083030169263691137024 z^{25} \\
&+42469543592392793266735 z^{24} \\
&+10507926621060627824640 z^{23} \\
&+2466146177551877890860 z^{22} \\
&+548032760275493847040 z^{21} \\
&+115086645640411772526 z^{20} \\
&+22789540690867322880 z^{19} + 4245083213437902620 z^{18} \\
&+741859551444664320 z^{17} + 121270203866329005 z^{16} \\
&+18476040893825024 z^{15} + 2615959364233080 z^{14} \\
&+341756058992640 z^{13} + 41289236748660 z^{12} \\
&+4507502837760 z^{11} + 459299307576 z^{10}
\end{aligned}$$



		$+39926169600 z^9 + 3478364115 z^8 + 217251840 z^7$ $+18264500 z^6 + 589824 z^5 + 83370 z^4 + 420 z^2 + 1$	
$\{[120, 2, 112]\}$	$x^8 + x^5 + x + 1$	$z^{120} + 60 z^{118} + 79050 z^{116} + 29647020 z^{114} + 6604233555 z^{112}$ $+ 907357718280 z^{110} + 82367996774580 z^{108}$ $+ 5229765208050120 z^{106} + 242531553102025005 z^{104}$ $+ 8490195812821654020 z^{102}$ $+ 230173654530402579150 z^{100}$ $+ 4932292489226898794100 z^{98}$ $+ 84939080858970784937775 z^{96}$ $+ 1191760643041162663867920 z^{94}$ $+ 13780914731967224287469640 z^{92}$ $+ 132613584065267982778153744 z^{90}$ $+ 1070801218146118843660870845 z^{88}$ $+ 7306643606106343550128118460 z^{86}$ $+ 42390130762311994079008709850 z^{84}$ $+ 210201985544449447832580859500 z^{82}$ $+ 894975376913922423821841267255 z^{80}$ $+ 3284694763120818085083375641400 z^{78}$ $+ 10426996166653610842560953820300 z^{76}$ $+ 28712018429915011279491226980600 z^{74}$ $+ 68751029946094565889725081030025 z^{72}$ $+ 143451128605900045664151614902500 z^{70}$ $+ 261262802098980130636643730791310 z^{68}$ $+ 415902629756436056587410045013140 z^{66}$ $+ 579292948589335490520803265392595 z^{64}$ $+ 706506100638898923500247352904160 z^{62}$ $+ 754803975315328999222986724648176 z^{60}$ $+ 706506100638898923500247352904160 z^{58}$ $+ 579292948589335490520803265392595 z^{56}$ $+ 415902629756436056587410045013140 z^{54}$ $+ 261262802098980130636643730791310 z^{52}$	$\{[60, \sqrt{30}]\}$

		$+143451128605900045664151614902500 z^{50}$ $+68751029946094565889725081030025 z^{48}$ $+28712018429915011279491226980600 z^{46}$ $+10426996166653610842560953820300 z^{44}$ $+3284694763120818085083375641400 z^{42}$ $+894975376913922423821841267255 z^{40}$ $+210201985544449447832580859500 z^{38}$ $+42390130762311994079008709850 z^{36}$ $+7306643606106343550128118460 z^{34}$ $+1070801218146118843660870845 z^{32}$ $+132613584065267982778153744 z^{30}$ $+13780914731967224287469640 z^{28}$ $+1191760643041162663867920 z^{26}$ $+84939080858970784937775 z^{24}$ $+4932292489226898794100 z^{22}$ $+230173654530402579150 z^{20}$ $+8490195812821654020 z^{18} + 242531553102025005 z^{16}$ $+5229765208050120 z^{14} + 82367996774580 z^{12}$ $+907357718280 z^{10} + 6604233555 z^8 + 29647020 z^6$ $+79050 z^4 + 60 z^2 + 1$	
		$z^{120} + 180 z^{118} + 104010 z^{116} + 33691140 z^{114} + 6896699475 z^{112}$ $+918105814296 z^{110} + 82580685021620 z^{108}$ $+5231961723759960 z^{106} + 242540303408878125 z^{104}$ $+8490164809956909580 z^{102}$ $+230173298136923394894 z^{100}$ $+4932292373397129411420 z^{98}$ $+84939087018512051029295 z^{96}$ $+1191760648977844542116400 z^{94}$ $+13780914659981528982624840 z^{92}$ $+132613584011974529964335408 z^{90}$ $+1070801218766366279572087485 z^{88}$	

$$\{[120, 2, 112]\} \quad x^8 + x^5 + x^3 + 1$$

$$\begin{aligned}
&+7306643606187345251897612340 z^{86} \\
&+42390130758499049022407733850 z^{84} \\
&+210201985546614110339708591940 z^{82} \\
&+894975376929456151134843535671 z^{80} \\
&+3284694763100530919991462803880 z^{78} \\
&+10426996166617151689187622050700 z^{76} \\
&+28712018430002925310943867990760 z^{74} \\
&+68751029946119380583523697768585 z^{72} \\
&+143451128605685620590091576016556 z^{70} \\
&+261262802099090024097070336132110 z^{68} \\
&+415902629756722410027021268817340 z^{66} \\
&+579292948588977523451366168232915 z^{64} \\
&+706506100638756881875146692722080 z^{62} \\
&+754803975315824462108693277446384 z^{60} \\
&+706506100638756881875146692722080 z^{58} \\
&+579292948588977523451366168232915 z^{56} \\
&+415902629756722410027021268817340 z^{54} \\
&+261262802099090024097070336132110 z^{52} \\
&+143451128605685620590091576016556 z^{50} \\
&+68751029946119380583523697768585 z^{48} \\
&+28712018430002925310943867990760 z^{46} \\
&+10426996166617151689187622050700 z^{44} \\
&+3284694763100530919991462803880 z^{42} \\
&+894975376929456151134843535671 z^{40} \\
&+210201985546614110339708591940 z^{38} \\
&+42390130758499049022407733850 z^{36} \\
&+7306643606187345251897612340 z^{34} \\
&+1070801218766366279572087485 z^{32} \\
&+132613584011974529964335408 z^{30} \\
&+13780914659981528982624840 z^{28} \\
&+1191760648977844542116400 z^{26}
\end{aligned}$$

$$\{[60, \sqrt{30}]\}$$

		$+84939087018512051029295 z^{24}$ $+4932292373397129411420 z^{22}$ $+230173298136923394894 z^{20}$ $+8490164809956909580 z^{18} + 242540303408878125 z^{16}$ $+5231961723759960 z^{14} + 82580685021620 z^{12}$ $+918105814296 z^{10} + 6896699475 z^8 + 33691140 z^6$ $+104010 z^4 + 180 z^2 + 1$	
		$z^{120} + 660 z^{118} + 200970 z^{116} + 497664 z^{115} + 37449060 z^{114}$ $+ 209848320 z^{113} + 4777453395 z^{112} + 39801231360 z^{111}$ $+ 504360889176 z^{110} + 4507378698240 z^{109}$ $+ 42148492716340 z^{108} + 341764437780480 z^{107}$ $+ 2624652005425560 z^{106} + 18476054751524864 z^{105}$ $+ 121304548478188845 z^{104} + 741859230112573440 z^{103}$ $+ 4244962238085200940 z^{102}$ $+ 22789540616044984320 z^{101}$ $+ 115085238844315798926 z^{100}$ $+ 548032768149443399680 z^{99}$ $+ 2466145619868669332220 z^{98}$ $+ 10507926607573495541760 z^{97}$ $+ 42469568026060769398575 z^{96}$ $+ 163083030067406680510464 z^{95}$ $+ 595880349978541799294640 z^{94}$ $+ 2074546313733629409423360 z^{93}$ $+ 6890457040198666723331400 z^{92}$ $+ 21859382047457317095567360 z^{91}$ $+ 66306791778999434686373296 z^{90}$ $+ 192503589672475919140638720 z^{89}$ $+ 535400611906345610365172925 z^{88}$ $+ 1427734957108524072509501440 z^{87}$ $+ 3653321803435479740281285140 z^{86}$ $+ 8976733574130986635497099264 z^{85}$	

$\{[120, 2, 112]\}$

$$x^8 + x^6 + x^4 + x^2 + 1$$

$$\begin{aligned}
&+21195065363707731263315911450 z^{84} \\
&+48118526813021771183072839680 z^{83} \\
&+105100992782405863517410195620 z^{82} \\
&+220981574540968754337501829120 z^{81} \\
&+447487688527370167276112662071 z^{80} \\
&+873146709181587545654665512960 z^{79} \\
&+1642347381466592020971330002280 z^{78} \\
&+2979141761923151113394982328320 z^{77} \\
&+5213498083165081116426527443980 z^{76} \\
&+8805018985164197858502087768064 z^{75} \\
&+14356009215356907288784299912360 z^{74} \\
&+22603078338390035390044370380800 z^{73} \\
&+34375514973147339113542682345865 z^{72} \\
&+50510960776787457072349790484480 z^{71} \\
&+71725564301993116239694998012876 z^{70} \\
&+98446852964894530087422996326400 z^{69} \\
&+130631401049996245454052822769230 z^{68} \\
&+167602552289751862943105432739840 z^{67} \\
&+207951314879478613227154106802780 z^{66} \\
&+249541577853875528583525350744064 z^{65} \\
&+289646474293072555343491843030995 z^{64} \\
&+325217093945100452161164448030720 z^{63} \\
&+353253050318829573030833819264160 z^{62} \\
&+371215069827072301009023374499840 z^{61} \\
&+377401987659855443429501932878576 z^{60} \\
&+371215069827072301009023374499840 z^{59} \\
&+353253050318829573030833819264160 z^{58} \\
&+325217093945100452161164448030720 z^{57} \\
&+289646474293072555343491843030995 z^{56} \\
&+249541577853875528583525350744064 z^{55} \\
&+207951314879478613227154106802780 z^{54}
\end{aligned}$$

$\{[60, \sqrt{30}]\}$

+167602552289751862943105432739840  $z^{53}$   
+130631401049996245454052822769230  $z^{52}$   
+98446852964894530087422996326400  $z^{51}$   
+71725564301993116239694998012876  $z^{50}$   
+50510960776787457072349790484480  $z^{49}$   
+34375514973147339113542682345865  $z^{48}$   
+22603078338390035390044370380800  $z^{47}$   
+14356009215356907288784299912360  $z^{46}$   
+8805018985164197858502087768064  $z^{45}$   
+5213498083165081116426527443980  $z^{44}$   
+2979141761923151113394982328320  $z^{43}$   
+1642347381466592020971330002280  $z^{42}$   
+873146709181587545654665512960  $z^{41}$   
+447487688527370167276112662071  $z^{40}$   
+220981574540968754337501829120  $z^{39}$   
+105100992782405863517410195620  $z^{38}$   
+48118526813021771183072839680  $z^{37}$   
+21195065363707731263315911450  $z^{36}$   
+8976733574130986635497099264  $z^{35}$   
+3653321803435479740281285140  $z^{34}$   
+1427734957108524072509501440  $z^{33}$   
+535400611906345610365172925  $z^{32}$   
+192503589672475919140638720  $z^{31}$   
+66306791778999434686373296  $z^{30}$   
+21859382047457317095567360  $z^{29}$   
+6890457040198666723331400  $z^{28}$   
+2074546313733629409423360  $z^{27}$   
+595880349978541799294640  $z^{26}$   
+163083030067406680510464  $z^{25}$   
+42469568026060769398575  $z^{24}$   
+10507926607573495541760  $z^{23}$

		$+2466145619868669332220 z^{22}$ $+548032768149443399680 z^{21}$ $+115085238844315798926 z^{20}$ $+22789540616044984320 z^{19} + 4244962238085200940 z^{18}$ $+741859230112573440 z^{17} + 121304548478188845 z^{16}$ $+18476054751524864 z^{15} + 2624652005425560 z^{14}$ $+341764437780480 z^{13} + 42148492716340 z^{12}$ $+4507378698240 z^{11} + 504360889176 z^{10}$ $+39801231360 z^9 + 4777453395 z^8 + 209848320 z^7$ $+37449060 z^6 + 497664 z^5 + 200970 z^4 + 660 z^2 + 1$	
		$z^{120} + 540 z^{118} + 196170 z^{116} + 45777420 z^{114} + 7812120915 z^{112}$ $+ 961674781512 z^{110} + 83896828604340 z^{108}$ $+ 5257073373555720 z^{106} + 242835820646526765 z^{104}$ $+ 8492142078205023780 z^{102}$ $+ 230178412723288867662 z^{100}$ $+ 4932272504888358330900 z^{98}$ $+ 84938924669240314870575 z^{96}$ $+ 1191760533887338502954640 z^{94}$ $+ 13780916410480765342545480 z^{92}$ $+ 132613587342631081322777488 z^{90}$ $+ 1070801206916500818275813565 z^{88}$ $+ 7306643576146888449908619420 z^{86}$ $+ 42390130820239235449276592730 z^{84}$ $+ 210201985710205555500842470860 z^{82}$ $+ 894975376659562016102515346487 z^{80}$ $+ 3284694762498503711093887977720 z^{78}$ $+ 10426996167595689517392100568460 z^{76}$ $+ 28712018431532373189494887126200 z^{74}$ $+ 68751029943332384389571044358025 z^{72}$ $+ 143451128603056466502110023162884 z^{70}$ $+ 261262802105069916349015962397710 z^{68}$	

$\{[120, 2, 112]\}$	$x^8 + x^6 + x^2 + 1$	$ \begin{aligned} &+415902629759541527110460078006580 z^{66} \\ &+579292948579491316807822790707155 z^{64} \\ &+706506100637503037752092971739360 z^{62} \\ &+754803975326890251667995765577968 z^{60} \\ &+706506100637503037752092971739360 z^{58} \\ &+579292948579491316807822790707155 z^{56} \\ &+415902629759541527110460078006580 z^{54} \\ &+261262802105069916349015962397710 z^{52} \\ &+143451128603056466502110023162884 z^{50} \\ &+68751029943332384389571044358025 z^{48} \\ &+28712018431532373189494887126200 z^{46} \\ &+10426996167595689517392100568460 z^{44} \\ &+3284694762498503711093887977720 z^{42} \\ &+894975376659562016102515346487 z^{40} \\ &+210201985710205555500842470860 z^{38} \\ &+42390130820239235449276592730 z^{36} \\ &+7306643576146888449908619420 z^{34} \\ &+1070801206916500818275813565 z^{32} \\ &+132613587342631081322777488 z^{30} \\ &+13780916410480765342545480 z^{28} \\ &+1191760533887338502954640 z^{26} \\ &+84938924669240314870575 z^{24} \\ &+4932272504888358330900 z^{22} \\ &+230178412723288867662 z^{20} \\ &+8492142078205023780 z^{18} + 242835820646526765 z^{16} \\ &+5257073373555720 z^{14} + 83896828604340 z^{12} \\ &+961674781512 z^{10} + 7812120915 z^8 + 45777420 z^6 \\ &+196170 z^4 + 540 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
		$ \begin{aligned} &z^{120} + 180 z^{118} + 4480 z^{117} + 69450 z^{116} + 1083264 z^{115} \\ &+ 16795140 z^{114} + 246927360 z^{113} + 3347172435 z^{112} \\ &+ 41069040640 z^{111} + 453921391896 z^{110} \end{aligned} $	



$$\begin{aligned}
&+4534338382080 z^{109} + 41180116192180 z^{108} \\
&+342120100020480 z^{107} + 2614856077966680 z^{106} \\
&+18478565306348544 z^{105} + 121265980505925165 z^{104} \\
&+741862368737280000 z^{103} + 4245098808042213900 z^{102} \\
&+22789470699559347840 z^{101} \\
&+115086819231402751566 z^{100} \\
&+548032483990320028800 z^{99} \\
&+2466146240245014846300 z^{98} \\
&+10507927565522878156800 z^{97} \\
&+42469540592850278096175 z^{96} \\
&+163083035513207918905344 z^{95} \\
&+595880321200665944289840 z^{94} \\
&+2074546302844403056407040 z^{93} \\
&+6890457364656448172564040 z^{92} \\
&+21859381989457196350640640 z^{91} \\
&+66306792039267611224031536 z^{90} \\
&+192503589785679865608652800 z^{89} \\
&+535400609069040978386090685 z^{88} \\
&+1427734957493444227210383360 z^{87} \\
&+3653321803013166358656923700 z^{86} \\
&+8976733573201728496517837184 z^{85} \\
&+21195065381269276898194666330 z^{84} \\
&+48118526811492821329834569600 z^{83} \\
&+105100992772200535370908479300 z^{82} \\
&+220981574546365349593575546880 z^{81} \\
&+447487688456488931501135580471 z^{80} \\
&+873146709184122411879724600320 z^{79} \\
&+1642347381561411115894404295080 z^{78} \\
&+2979141761901866767114686324480 z^{77} \\
&+5213498083326593421384548635020 z^{76} \\
&+8805018985172029464059481364224 z^{75}
\end{aligned}$$

$+14356009214954896909485621191400 z^{74}$   
 $+22603078338443053445908171238400 z^{73}$   
 $+34375514973052126418320011302025 z^{72}$   
 $+50510960776728433589070467174400 z^{71}$   
 $+71725564302948315581515674504876 z^{70}$   
 $+98446852964826018590165713019520 z^{69}$   
 $+130631401049483165484529230866190 z^{68}$   
 $+167602552289911863688893619904640 z^{67}$   
 $+207951314878230387020415820748220 z^{66}$   
 $+249541577853872569445028566605824 z^{65}$   
 $+289646474294662062793130909537235 z^{64}$   
 $+325217093944876472756683937771520 z^{63}$   
 $+353253050319440186584254561762720 z^{62}$   
 $+371215069827221299927657084738560 z^{61}$   
 $+377401987657681706108503906830576 z^{60}$   
 $+371215069827221299927657084738560 z^{59}$   
 $+353253050319440186584254561762720 z^{58}$   
 $+325217093944876472756683937771520 z^{57}$   
 $+289646474294662062793130909537235 z^{56}$   
 $+249541577853872569445028566605824 z^{55}$   
 $+207951314878230387020415820748220 z^{54}$   
 $+167602552289911863688893619904640 z^{53}$   
 $+130631401049483165484529230866190 z^{52}$   
 $+98446852964826018590165713019520 z^{51}$   
 $+71725564302948315581515674504876 z^{50}$   
 $+50510960776728433589070467174400 z^{49}$   
 $+34375514973052126418320011302025 z^{48}$   
 $+22603078338443053445908171238400 z^{47}$   
 $+14356009214954896909485621191400 z^{46}$   
 $+8805018985172029464059481364224 z^{45}$   
 $+5213498083326593421384548635020 z^{44}$

$\{[60, \sqrt{30}]\}$

$$\begin{aligned}
&+2979141761901866767114686324480 z^{43} \\
&+1642347381561411115894404295080 z^{42} \\
&+873146709184122411879724600320 z^{41} \\
&+447487688456488931501135580471 z^{40} \\
&+220981574546365349593575546880 z^{39} \\
&+105100992772200535370908479300 z^{38} \\
&+48118526811492821329834569600 z^{37} \\
&+21195065381269276898194666330 z^{36} \\
&+8976733573201728496517837184 z^{35} \\
&+3653321803013166358656923700 z^{34} \\
&+1427734957493444227210383360 z^{33} \\
&+535400609069040978386090685 z^{32} \\
&+192503589785679865608652800 z^{31} \\
&+66306792039267611224031536 z^{30} \\
&+21859381989457196350640640 z^{29} \\
&+6890457364656448172564040 z^{28} \\
&+2074546302844403056407040 z^{27} \\
&+595880321200665944289840 z^{26} \\
&+163083035513207918905344 z^{25} \\
&+42469540592850278096175 z^{24} \\
&+10507927565522878156800 z^{23} \\
&+2466146240245014846300 z^{22} \\
&+548032483990320028800 z^{21} \\
&+115086819231402751566 z^{20} \\
&+22789470699559347840 z^{19} + 4245098808042213900 z^{18} \\
&+741862368737280000 z^{17} + 121265980505925165 z^{16} \\
&+18478565306348544 z^{15} + 2614856077966680 z^{14} \\
&+342120100020480 z^{13} + 41180116192180 z^{12} \\
&+4534338382080 z^{11} + 453921391896 z^{10} \\
&+41069040640 z^9 + 3347172435 z^8 + 246927360 z^7 \\
&+16795140 z^6 + 1083264 z^5 + 69450 z^4 + 4480 z^3 + 180 z^2 + 1
\end{aligned}$$

$\{[120, 2, 112]\}$

$x^8 + x^6 + x^5 + x^4 + x + 1$

$$\begin{aligned}
& z^{120} + 180 z^{118} + 73290 z^{116} + 28612100 z^{114} + 6563326035 z^{112} \\
& + 906767922456 z^{110} + 82366336610740 z^{108} \\
& + 5229793444719960 z^{106} + 242531697768952365 z^{104} \\
& + 8490194913037214220 z^{102} \\
& + 230173650497560947534 z^{100} \\
& + 4932292514873640172380 z^{98} \\
& + 84939080893918473618735 z^{96} \\
& + 1191760642586159304479280 z^{94} \\
& + 13780914732464567855037000 z^{92} \\
& + 132613584068752738852102448 z^{90} \\
& + 1070801218135198499116294845 z^{88} \\
& + 7306643606102977616260732980 z^{86} \\
& + 42390130762383157673284221530 z^{84} \\
& + 210201985544338072686838488900 z^{82} \\
& + 894975376913805313996677898551 z^{80} \\
& + 3284694763121428237540574345640 z^{78} \\
& + 10426996166653045841123532409740 z^{76} \\
& + 28712018429914080361784609796840 z^{74} \\
& + 68751029946097368345120810539145 z^{72} \\
& + 143451128605898242525799786315436 z^{70} \\
& + 261262802098976983430042495589390 z^{68} \\
& + 415902629756443185457201028535740 z^{66} \\
& + 579292948589331683086126999864275 z^{64} \\
& + 706506100638893741990233757154720 z^{62} \\
& + 754803975315339122734725517267184 z^{60} \\
& + 706506100638893741990233757154720 z^{58} \\
& + 579292948589331683086126999864275 z^{56} \\
& + 415902629756443185457201028535740 z^{54} \\
& + 261262802098976983430042495589390 z^{52} \\
& + 143451128605898242525799786315436 z^{50} \\
& + 68751029946097368345120810539145 z^{48}
\end{aligned}$$

$\{[60, \sqrt{30}]\}$

		$ \begin{aligned} &+28712018429914080361784609796840 z^{46} \\ &+10426996166653045841123532409740 z^{44} \\ &+3284694763121428237540574345640 z^{42} \\ &+894975376913805313996677898551 z^{40} \\ &+210201985544338072686838488900 z^{38} \\ &+42390130762383157673284221530 z^{36} \\ &+7306643606102977616260732980 z^{34} \\ &+1070801218135198499116294845 z^{32} \\ &+132613584068752738852102448 z^{30} \\ &+13780914732464567855037000 z^{28} \\ &+1191760642586159304479280 z^{26} \\ &+84939080893918473618735 z^{24} \\ &+4932292514873640172380 z^{22} \\ &+230173650497560947534 z^{20} \\ &+8490194913037214220 z^{18} + 242531697768952365 z^{16} \\ &+5229793444719960 z^{14} + 82366336610740 z^{12} \\ &+906767922456 z^{10} + 6563326035 z^8 + 28612100 z^6 \\ &+73290 z^4 + 180 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{120} + 180 z^{118} + 640 z^{117} + 38730 z^{116} + 720000 z^{115} \\ &+ 14337540 z^{114} + 232427520 z^{113} + 3281185875 z^{112} \\ &+ 40849976320 z^{111} + 453381211416 z^{110} \\ &+ 4533887266560 z^{109} + 41183210986420 z^{108} \\ &+ 342135947646720 z^{107} + 2614896925736280 z^{106} \\ &+ 18478608038120448 z^{105} + 121265842992760365 z^{104} \\ &+ 741861679195791360 z^{103} + 4245097501062517260 z^{102} \\ &+ 22789470340108379520 z^{101} \\ &+ 115086825079153970766 z^{100} \\ &+ 548032501990742171520 z^{99} \\ &+ 2466146257666423184220 z^{98} \\ &+ 10507927531601933660160 z^{97} \\ &+ 42469540447932730432815 z^{96} \end{aligned} $	

+163083035304071872985088  $z^{95}$   
+595880321287114319688240  $z^{94}$   
+2074546303820954962869760  $z^{93}$   
+6890457366243881598893640  $z^{92}$   
+21859381989284865720983040  $z^{91}$   
+66306792034390948691362096  $z^{90}$   
+192503589777309248392181760  $z^{89}$   
+535400609067444133417499325  $z^{88}$   
+1427734957514214283285770240  $z^{87}$   
+3653321803051954381607548980  $z^{86}$   
+8976733573209686984642454144  $z^{85}$   
+21195065381190883270305545050  $z^{84}$   
+48118526811358726748917077120  $z^{83}$   
+105100992772169058447799758660  $z^{82}$   
+220981574546608585743299461120  $z^{81}$   
+447487688456905035902955597111  $z^{80}$   
+873146709184190431766761681920  $z^{79}$   
+1642347381560708940704243296680  $z^{78}$   
+2979141761900868002628824828160  $z^{77}$   
+5213498083326525431403364123020  $z^{76}$   
+8805018985173616154023526764800  $z^{75}$   
+14356009214957054401283442057960  $z^{74}$   
+22603078338443063394084631434240  $z^{73}$   
+34375514973048637258067443053705  $z^{72}$   
+50510960776724601114396195655680  $z^{71}$   
+71725564302949200183450785468076  $z^{70}$   
+98446852964831999939956583418240  $z^{69}$   
+130631401049488416097163475894030  $z^{68}$   
+167602552289909995693991382760320  $z^{67}$   
+207951314878221600340766153758140  $z^{66}$   
+249541577853865690354640111099904  $z^{65}$

+289646474294665958004539518817235  $z^{64}$   
 +325217093944888012813708464721920  $z^{63}$   
 +353253050319446630808321039515040  $z^{62}$   
 +371215069827215562109595569996800  $z^{61}$   
 +377401987657669853636569488132336  $z^{60}$   
 +371215069827215562109595569996800  $z^{59}$   
 +353253050319446630808321039515040  $z^{58}$   
 +325217093944888012813708464721920  $z^{57}$   
 +289646474294665958004539518817235  $z^{56}$   
 +249541577853865690354640111099904  $z^{55}$   
 +207951314878221600340766153758140  $z^{54}$   
 +167602552289909995693991382760320  $z^{53}$   
 +130631401049488416097163475894030  $z^{52}$   
 +98446852964831999939956583418240  $z^{51}$   
 +71725564302949200183450785468076  $z^{50}$   
 +50510960776724601114396195655680  $z^{49}$   
 +34375514973048637258067443053705  $z^{48}$   
 +22603078338443063394084631434240  $z^{47}$   
 +14356009214957054401283442057960  $z^{46}$   
 +8805018985173616154023526764800  $z^{45}$   
 +5213498083326525431403364123020  $z^{44}$   
 +2979141761900868002628824828160  $z^{43}$   
 +1642347381560708940704243296680  $z^{42}$   
 +873146709184190431766761681920  $z^{41}$   
 +447487688456905035902955597111  $z^{40}$   
 +220981574546608585743299461120  $z^{39}$   
 +105100992772169058447799758660  $z^{38}$   
 +48118526811358726748917077120  $z^{37}$   
 +21195065381190883270305545050  $z^{36}$   
 +8976733573209686984642454144  $z^{35}$   
 +3653321803051954381607548980  $z^{34}$

$\{[60, \sqrt{30}]\}$

		$+1427734957514214283285770240 z^{33}$ $+535400609067444133417499325 z^{32}$ $+192503589777309248392181760 z^{31}$ $+66306792034390948691362096 z^{30}$ $+21859381989284865720983040 z^{29}$ $+6890457366243881598893640 z^{28}$ $+2074546303820954962869760 z^{27}$ $+595880321287114319688240 z^{26}$ $+163083035304071872985088 z^{25}$ $+42469540447932730432815 z^{24}$ $+10507927531601933660160 z^{23}$ $+2466146257666423184220 z^{22}$ $+548032501990742171520 z^{21}$ $+115086825079153970766 z^{20}$ $+22789470340108379520 z^{19} + 4245097501062517260 z^{18}$ $+741861679195791360 z^{17} + 121265842992760365 z^{16}$ $+18478608038120448 z^{15} + 2614896925736280 z^{14}$ $+342135947646720 z^{13} + 41183210986420 z^{12}$ $+4533887266560 z^{11} + 453381211416 z^{10}$ $+40849976320 z^9 + 3281185875 z^8 + 232427520 z^7$ $+14337540 z^6 + 720000 z^5 + 38730 z^4 + 640 z^3 + 180 z^2 + 1$	
		$z^{120} + 300 z^{118} + 120810 z^{116} + 34829660 z^{114} + 6934794195 z^{112}$ $+ 918696608040 z^{110} + 82582575058420 z^{108}$ $+ 5231931996804840 z^{106} + 242540157767241645 z^{104}$ $+ 8490165766195563540 z^{102}$ $+ 230173301873715962670 z^{100}$ $+ 4932292348135572954180 z^{98}$ $+ 84939086986906659834415 z^{96}$ $+ 1191760649409773940789840 z^{94}$ $+ 13780914659557641312686280 z^{92}$ $+ 132613584008370042908134224 z^{90}$	



$\{[120, 2, 112]\}$

$x^8+x^7+x^6+x^5+x^3+x^2+x+1$

+1070801218777265744483356605  $z^{88}$   
+7306643606191357734930399660  $z^{86}$   
+42390130758426250894246369530  $z^{84}$   
+210201985546726889067797653020  $z^{82}$   
+894975376929576532169946800055  $z^{80}$   
+3284694763099906483480383740440  $z^{78}$   
+10426996166617742993454348579660  $z^{76}$   
+28712018430003831815331844007640  $z^{74}$   
+68751029946116572167865114486025  $z^{72}$   
+143451128605687482787681939116660  $z^{70}$   
+261262802099093072249607990709230  $z^{68}$   
+415902629756715362831487715682020  $z^{66}$   
+579292948588981333043253656732115  $z^{64}$   
+706506100638761959441270126020960  $z^{62}$   
+754803975315814488320930659146736  $z^{60}$   
+706506100638761959441270126020960  $z^{58}$   
+579292948588981333043253656732115  $z^{56}$   
+415902629756715362831487715682020  $z^{54}$   
+261262802099093072249607990709230  $z^{52}$   
+143451128605687482787681939116660  $z^{50}$   
+68751029946116572167865114486025  $z^{48}$   
+28712018430003831815331844007640  $z^{46}$   
+10426996166617742993454348579660  $z^{44}$   
+3284694763099906483480383740440  $z^{42}$   
+894975376929576532169946800055  $z^{40}$   
+210201985546726889067797653020  $z^{38}$   
+42390130758426250894246369530  $z^{36}$   
+7306643606191357734930399660  $z^{34}$   
+1070801218777265744483356605  $z^{32}$   
+132613584008370042908134224  $z^{30}$   
+13780914659557641312686280  $z^{28}$

$\{[60, \sqrt{30}]\}$

		$+1191760649409773940789840 z^{26}$ $+84939086986906659834415 z^{24}$ $+4932292348135572954180 z^{22}$ $+230173301873715962670 z^{20}$ $+8490165766195563540 z^{18} + 242540157767241645 z^{16}$ $+5231931996804840 z^{14} + 82582575058420 z^{12}$ $+918696608040 z^{10} + 6934794195 z^8 + 34829660 z^6$ $+120810 z^4 + 300 z^2 + 1$	
		$z^{120} + 180 z^{118} + 640 z^{117} + 38730 z^{116} + 720000 z^{115}$ $+14337540 z^{114} + 232427520 z^{113} + 3281185875 z^{112}$ $+40849976320 z^{111} + 453381211416 z^{110}$ $+4533887266560 z^{109} + 41183210986420 z^{108}$ $+342135947646720 z^{107} + 2614896925736280 z^{106}$ $+18478608038120448 z^{105} + 121265842992760365 z^{104}$ $+741861679195791360 z^{103} + 4245097501062517260 z^{102}$ $+22789470340108379520 z^{101}$ $+115086825079153970766 z^{100}$ $+548032501990742171520 z^{99}$ $+2466146257666423184220 z^{98}$ $+10507927531601933660160 z^{97}$ $+42469540447932730432815 z^{96}$ $+163083035304071872985088 z^{95}$ $+595880321287114319688240 z^{94}$ $+2074546303820954962869760 z^{93}$ $+6890457366243881598893640 z^{92}$ $+21859381989284865720983040 z^{91}$ $+66306792034390948691362096 z^{90}$ $+192503589777309248392181760 z^{89}$ $+535400609067444133417499325 z^{88}$ $+1427734957514214283285770240 z^{87}$ $+3653321803051954381607548980 z^{86}$	

$\{[120, 2, 112]\}$

$$x^8 + x^7 + x^6 + x^5 + x^3 + x^2 + 1$$

$$\begin{aligned}
&+8976733573209686984642454144 z^{85} \\
&+21195065381190883270305545050 z^{84} \\
&+48118526811358726748917077120 z^{83} \\
&+105100992772169058447799758660 z^{82} \\
&+220981574546608585743299461120 z^{81} \\
&+447487688456905035902955597111 z^{80} \\
&+873146709184190431766761681920 z^{79} \\
&+1642347381560708940704243296680 z^{78} \\
&+2979141761900868002628824828160 z^{77} \\
&+5213498083326525431403364123020 z^{76} \\
&+8805018985173616154023526764800 z^{75} \\
&+14356009214957054401283442057960 z^{74} \\
&+22603078338443063394084631434240 z^{73} \\
&+34375514973048637258067443053705 z^{72} \\
&+50510960776724601114396195655680 z^{71} \\
&+71725564302949200183450785468076 z^{70} \\
&+98446852964831999939956583418240 z^{69} \\
&+130631401049488416097163475894030 z^{68} \\
&+167602552289909995693991382760320 z^{67} \\
&+207951314878221600340766153758140 z^{66} \\
&+249541577853865690354640111099904 z^{65} \\
&+289646474294665958004539518817235 z^{64} \\
&+325217093944888012813708464721920 z^{63} \\
&+353253050319446630808321039515040 z^{62} \\
&+371215069827215562109595569996800 z^{61} \\
&+377401987657669853636569488132336 z^{60} \\
&+371215069827215562109595569996800 z^{59} \\
&+353253050319446630808321039515040 z^{58} \\
&+325217093944888012813708464721920 z^{57} \\
&+289646474294665958004539518817235 z^{56} \\
&+249541577853865690354640111099904 z^{55}
\end{aligned}$$

$\{[60, \sqrt{30}]\}$

+207951314878221600340766153758140  $z^{54}$   
 +167602552289909995693991382760320  $z^{53}$   
 +130631401049488416097163475894030  $z^{52}$   
 +98446852964831999939956583418240  $z^{51}$   
 +71725564302949200183450785468076  $z^{50}$   
 +50510960776724601114396195655680  $z^{49}$   
 +34375514973048637258067443053705  $z^{48}$   
 +22603078338443063394084631434240  $z^{47}$   
 +14356009214957054401283442057960  $z^{46}$   
 +8805018985173616154023526764800  $z^{45}$   
 +5213498083326525431403364123020  $z^{44}$   
 +2979141761900868002628824828160  $z^{43}$   
 +1642347381560708940704243296680  $z^{42}$   
 +873146709184190431766761681920  $z^{41}$   
 +447487688456905035902955597111  $z^{40}$   
 +220981574546608585743299461120  $z^{39}$   
 +105100992772169058447799758660  $z^{38}$   
 +48118526811358726748917077120  $z^{37}$   
 +21195065381190883270305545050  $z^{36}$   
 +8976733573209686984642454144  $z^{35}$   
 +3653321803051954381607548980  $z^{34}$   
 +1427734957514214283285770240  $z^{33}$   
 +535400609067444133417499325  $z^{32}$   
 +192503589777309248392181760  $z^{31}$   
 +66306792034390948691362096  $z^{30}$   
 +21859381989284865720983040  $z^{29}$   
 +6890457366243881598893640  $z^{28}$   
 +2074546303820954962869760  $z^{27}$   
 +595880321287114319688240  $z^{26}$   
 +163083035304071872985088  $z^{25}$   
 +42469540447932730432815  $z^{24}$

		$+10507927531601933660160 z^{23}$ $+2466146257666423184220 z^{22}$ $+548032501990742171520 z^{21}$ $+115086825079153970766 z^{20}$ $+22789470340108379520 z^{19} + 4245097501062517260 z^{18}$ $+741861679195791360 z^{17} + 121265842992760365 z^{16}$ $+18478608038120448 z^{15} + 2614896925736280 z^{14}$ $+342135947646720 z^{13} + 41183210986420 z^{12}$ $+4533887266560 z^{11} + 453381211416 z^{10}$ $+40849976320 z^9 + 3281185875 z^8 + 232427520 z^7$ $+14337540 z^6 + 720000 z^5 + 38730 z^4 + 640 z^3 + 180 z^2 + 1$	
		$z^{120} + 420 z^{118} + 83370 z^{116} + 589824 z^{115} + 18264500 z^{114}$ $+ 217251840 z^{113} + 3478364115 z^{112} + 39926169600 z^{111}$ $+ 459299307576 z^{110} + 4507502837760 z^{109}$ $+ 41289236748660 z^{108} + 341756058992640 z^{107}$ $+ 2615959364233080 z^{106} + 18476040893825024 z^{105}$ $+ 121270203866329005 z^{104} + 741859551444664320 z^{103}$ $+ 4245083213437902620 z^{102}$ $+ 22789540690867322880 z^{101}$ $+ 115086645640411772526 z^{100}$ $+ 548032760275493847040 z^{99}$ $+ 2466146177551877890860 z^{98}$ $+ 10507926621060627824640 z^{97}$ $+ 42469543592392793266735 z^{96}$ $+ 163083030169263691137024 z^{95}$ $+ 595880324401037326896240 z^{94}$ $+ 2074546313309608828600320 z^{93}$ $+ 6890457329273407248014280 z^{92}$ $+ 21859382047280598792929280 z^{91}$ $+ 66306792008531145044991856 z^{90}$ $+ 192503589677159485493084160 z^{89}$	

$\{[120, 2, 112]\}$

$$x^8 + x^7 + x^6 + x^4 + 1$$

$$\begin{aligned} &+535400609382985015701839805 z^{88} \\ &+1427734957098285409842626560 z^{87} \\ &+3653321803077074476921561380 z^{86} \\ &+8976733574123060427710398464 z^{85} \\ &+21195065379285263050123234490 z^{84} \\ &+48118526813101728819107266560 z^{83} \\ &+105100992773319528706502188020 z^{82} \\ &+220981574540824412743762247680 z^{81} \\ &+447487688464544449336091582391 z^{80} \\ &+873146709181568931958968483840 z^{79} \\ &+1642347381550562669803001625480 z^{78} \\ &+2979141761923687064329242869760 z^{77} \\ &+5213498083308665064265336102860 z^{76} \\ &+8805018985163262866665831727104 z^{75} \\ &+14356009215000414973214994292680 z^{74} \\ &+22603078338390279545677630341120 z^{73} \\ &+34375514973061202018468796298505 z^{72} \\ &+50510960776789126742133535211520 z^{71} \\ &+71725564302842839287809873776956 z^{70} \\ &+98446852964891577278215462256640 z^{69} \\ &+130631401049541833528528012973870 z^{68} \\ &+167602552289753132519749468815360 z^{67} \\ &+207951314878365894886805251570700 z^{66} \\ &+249541577853878312424839040466944 z^{65} \\ &+289646474294487093880723575759315 z^{64} \\ &+325217093945095344274609611735040 z^{63} \\ &+353253050319374330105752974938400 z^{62} \\ &+371215069827074890474165028782080 z^{61} \\ &+377401987657919307568727040988656 z^{60} \\ &+371215069827074890474165028782080 z^{59} \\ &+353253050319374330105752974938400 z^{58} \end{aligned}$$

$\{[60, \sqrt{30}]\}$

+325217093945095344274609611735040  $z^{57}$   
+289646474294487093880723575759315  $z^{56}$   
+249541577853878312424839040466944  $z^{55}$   
+207951314878365894886805251570700  $z^{54}$   
+167602552289753132519749468815360  $z^{53}$   
+130631401049541833528528012973870  $z^{52}$   
+98446852964891577278215462256640  $z^{51}$   
+71725564302842839287809873776956  $z^{50}$   
+50510960776789126742133535211520  $z^{49}$   
+34375514973061202018468796298505  $z^{48}$   
+22603078338390279545677630341120  $z^{47}$   
+14356009215000414973214994292680  $z^{46}$   
+8805018985163262866665831727104  $z^{45}$   
+5213498083308665064265336102860  $z^{44}$   
+2979141761923687064329242869760  $z^{43}$   
+1642347381550562669803001625480  $z^{42}$   
+873146709181568931958968483840  $z^{41}$   
+447487688464544449336091582391  $z^{40}$   
+220981574540824412743762247680  $z^{39}$   
+105100992773319528706502188020  $z^{38}$   
+48118526813101728819107266560  $z^{37}$   
+21195065379285263050123234490  $z^{36}$   
+8976733574123060427710398464  $z^{35}$   
+3653321803077074476921561380  $z^{34}$   
+1427734957098285409842626560  $z^{33}$   
+535400609382985015701839805  $z^{32}$   
+192503589677159485493084160  $z^{31}$   
+66306792008531145044991856  $z^{30}$   
+21859382047280598792929280  $z^{29}$   
+6890457329273407248014280  $z^{28}$   
+2074546313309608828600320  $z^{27}$

		$+595880324401037326896240 z^{26}$ $+163083030169263691137024 z^{25}$ $+42469543592392793266735 z^{24}$ $+10507926621060627824640 z^{23}$ $+2466146177551877890860 z^{22}$ $+548032760275493847040 z^{21}$ $+115086645640411772526 z^{20}$ $+22789540690867322880 z^{19} + 4245083213437902620 z^{18}$ $+741859551444664320 z^{17} + 121270203866329005 z^{16}$ $+18476040893825024 z^{15} + 2615959364233080 z^{14}$ $+341756058992640 z^{13} + 41289236748660 z^{12}$ $+4507502837760 z^{11} + 459299307576 z^{10}$ $+39926169600 z^9 + 3478364115 z^8 + 217251840 z^7$ $+18264500 z^6 + 589824 z^5 + 83370 z^4 + 420 z^2 + 1$	
		$z^{120} + 540 z^{118} + 166170 z^{116} + 41537420 z^{114} + 7649376915 z^{112}$ $+ 959343277512 z^{110} + 83889837629140 z^{108}$ $+ 5257186959094920 z^{106} + 242836413461617005 z^{104}$ $+ 8492138352114109860 z^{102}$ $+ 230178397028322487614 z^{100}$ $+ 4932272607583090497300 z^{98}$ $+ 84938924801136892505775 z^{96}$ $+ 1191760532105754031278480 z^{94}$ $+ 13780916412373986793620360 z^{92}$ $+ 132613587356670384844201616 z^{90}$ $+ 1070801206872972816358406205 z^{88}$ $+ 7306643576132821696926614940 z^{86}$ $+ 42390130820523586574667498410 z^{84}$ $+ 210201985709766804209288620620 z^{82}$ $+ 894975376659070400458863602679 z^{80}$ $+ 3284694762500989578035130117240 z^{78}$ $+ 10426996167593379902478160883820 z^{76}$	



$\{[120, 2, 112]\}$  $x^8+x^7+x^6+x^2+x+1$ 
$$\begin{aligned} &+28712018431528649684176209708600 z^{74} \\ &+68751029943343708605849637194825 z^{72} \\ &+143451128603049021601177789401732 z^{70} \\ &+261262802105057546602314200786430 z^{68} \\ &+415902629759570085216460539858740 z^{66} \\ &+579292948579475564502778999737555 z^{64} \\ &+706506100637483314416271622273760 z^{62} \\ &+754803975326929540594532777007728 z^{60} \\ &+706506100637483314416271622273760 z^{58} \\ &+579292948579475564502778999737555 z^{56} \\ &+415902629759570085216460539858740 z^{54} \\ &+261262802105057546602314200786430 z^{52} \\ &+143451128603049021601177789401732 z^{50} \\ &+68751029943343708605849637194825 z^{48} \\ &+28712018431528649684176209708600 z^{46} \\ &+10426996167593379902478160883820 z^{44} \\ &+3284694762500989578035130117240 z^{42} \\ &+894975376659070400458863602679 z^{40} \\ &+210201985709766804209288620620 z^{38} \\ &+42390130820523586574667498410 z^{36} \\ &+7306643576132821696926614940 z^{34} \\ &+1070801206872972816358406205 z^{32} \\ &+132613587356670384844201616 z^{30} \\ &+13780916412373986793620360 z^{28} \\ &+1191760532105754031278480 z^{26} \\ &+84938924801136892505775 z^{24} \\ &+4932272607583090497300 z^{22} \\ &+230178397028322487614 z^{20} \\ &+8492138352114109860 z^{18}+242836413461617005 z^{16} \\ &+5257186959094920 z^{14}+83889837629140 z^{12} \\ &+959343277512 z^{10}+7649376915 z^8+41537420 z^6 \end{aligned}$$
 $\{[60, \sqrt{30}]\}$

		$+166170 z^4 + 540 z^2 + 1$	
		$z^{120} + 420 z^{118} + 2560 z^{117} + 83370 z^{116} + 1012224 z^{115}$ $+ 16953780 z^{114} + 246988800 z^{113} + 3344670675 z^{112}$ $+ 41082695680 z^{111} + 453900451896 z^{110}$ $+ 4534252354560 z^{109} + 41180515146100 z^{108}$ $+ 342119671127040 z^{107} + 2614854800828280 z^{106}$ $+ 18478572023230464 z^{105} + 121265969802948525 z^{104}$ $+ 741862348051906560 z^{103} + 4245098918467903260 z^{102}$ $+ 22789470604952409600 z^{101}$ $+ 115086818896854939246 z^{100}$ $+ 548032485001774333440 z^{99}$ $+ 2466146239579429102380 z^{98}$ $+ 10507927562358265528320 z^{97}$ $+ 42469540602554778393135 z^{96}$ $+ 163083035511173022081024 z^{95}$ $+ 595880321161970520378480 z^{94}$ $+ 2074546302900737496709120 z^{93}$ $+ 6890457364721209971055560 z^{92}$ $+ 21859381989220594519603200 z^{91}$ $+ 66306792039358580755210096 z^{90}$ $+ 192503589786156338551971840 z^{89}$ $+ 535400609068199547958239165 z^{88}$ $+ 1427734957493409835891015680 z^{87}$ $+ 3653321803015496647627809060 z^{86}$ $+ 8976733573198772268315216384 z^{85}$ $+ 21195065381266514189506038970 z^{84}$ $+ 48118526811502896306131489280 z^{83}$ $+ 105100992772197248341621496820 z^{82}$ $+ 220981574546347915897356451840 z^{81}$ $+ 447487688456510978566098755511 z^{80}$ $+ 873146709184131882309229301760 z^{79}$	

$\{[120, 2, 112]\}$  $x^8 + x^7 + x^5 + x^4 + x^3 + x + 1$ 

+1642347381561362416172637895560  $z^{78}$   
+2979141761901903948161553638400  $z^{77}$   
+5213498083326646135223883538380  $z^{76}$   
+8805018985171900667500302418944  $z^{75}$   
+14356009214954913752736454762440  $z^{74}$   
+22603078338443273424844347002880  $z^{73}$   
+34375514973051940479393636807945  $z^{72}$   
+50510960776728221310393975029760  $z^{71}$   
+71725564302948707954696423444796  $z^{70}$   
+98446852964826041651854953653760  $z^{69}$   
+130631401049482687888696970188590  $z^{68}$   
+167602552289912172557702037696000  $z^{67}$   
+207951314878230675941719964924940  $z^{66}$   
+249541577853871979233614128185344  $z^{65}$   
+289646474294662226092399686934995  $z^{64}$   
+325217093944877064805055035883520  $z^{63}$   
+353253050319439538051263268278560  $z^{62}$   
+371215069827221050662456913367040  $z^{61}$   
+377401987657682564117710370248176  $z^{60}$   
+371215069827221050662456913367040  $z^{59}$   
+353253050319439538051263268278560  $z^{58}$   
+325217093944877064805055035883520  $z^{57}$   
+289646474294662226092399686934995  $z^{56}$   
+249541577853871979233614128185344  $z^{55}$   
+207951314878230675941719964924940  $z^{54}$   
+167602552289912172557702037696000  $z^{53}$   
+130631401049482687888696970188590  $z^{52}$   
+98446852964826041651854953653760  $z^{51}$   
+71725564302948707954696423444796  $z^{50}$   
+50510960776728221310393975029760  $z^{49}$   
+34375514973051940479393636807945  $z^{48}$

 $\{[60, \sqrt{30}]\}$

$$\begin{aligned}
&+22603078338443273424844347002880 z^{47} \\
&+14356009214954913752736454762440 z^{46} \\
&+8805018985171900667500302418944 z^{45} \\
&+5213498083326646135223883538380 z^{44} \\
&+2979141761901903948161553638400 z^{43} \\
&+1642347381561362416172637895560 z^{42} \\
&+873146709184131882309229301760 z^{41} \\
&+447487688456510978566098755511 z^{40} \\
&+220981574546347915897356451840 z^{39} \\
&+105100992772197248341621496820 z^{38} \\
&+48118526811502896306131489280 z^{37} \\
&+21195065381266514189506038970 z^{36} \\
&+8976733573198772268315216384 z^{35} \\
&+3653321803015496647627809060 z^{34} \\
&+1427734957493409835891015680 z^{33} \\
&+535400609068199547958239165 z^{32} \\
&+192503589786156338551971840 z^{31} \\
&+66306792039358580755210096 z^{30} \\
&+21859381989220594519603200 z^{29} \\
&+6890457364721209971055560 z^{28} \\
&+2074546302900737496709120 z^{27} \\
&+595880321161970520378480 z^{26} \\
&+163083035511173022081024 z^{25} \\
&+42469540602554778393135 z^{24} \\
&+10507927562358265528320 z^{23} \\
&+2466146239579429102380 z^{22} \\
&+548032485001774333440 z^{21} \\
&+115086818896854939246 z^{20} \\
&+22789470604952409600 z^{19} + 4245098918467903260 z^{18} \\
&+741862348051906560 z^{17} + 121265969802948525 z^{16} \\
&+18478572023230464 z^{15} + 2614854800828280 z^{14}
\end{aligned}$$

		$+342119671127040 z^{13} + 41180515146100 z^{12}$ $+4534252354560 z^{11} + 453900451896 z^{10}$ $+41082695680 z^9 + 3344670675 z^8 + 246988800 z^7$ $+16953780 z^6 + 1012224 z^5 + 83370 z^4 + 2560 z^3 + 420 z^2 + 1$	
$\{[120, 2, 112]\}$	$x^8 + x^7 + x^5 + x^3 + x + 1$	$z^{120} + 240 z^{118} + 106470 z^{116} + 31931600 z^{114} + 6682990275 z^{112}$ $+ 908507136000 z^{110} + 82371851077900 z^{108}$ $+ 5229707110089600 z^{106} + 242531248669201245 z^{104}$ $+ 8490197765982149040 z^{102}$ $+ 230173662109471522626 z^{100}$ $+ 4932292437236184013200 z^{98}$ $+ 84939080801494864416975 z^{96}$ $+ 1191760643899330212385920 z^{94}$ $+ 13780914731069801580688440 z^{92}$ $+ 132613584058354350316340864 z^{90}$ $+ 1070801218167092455597585245 z^{88}$ $+ 7306643606115421112733174960 z^{86}$ $+ 42390130762167854324764942550 z^{84}$ $+ 210201985544663827857747978000 z^{82}$ $+ 894975376914193817450958939015 z^{80}$ $+ 3284694763119518258374843478400 z^{78}$ $+ 10426996166654838049989221771700 z^{76}$ $+ 28712018429916847434054550291200 z^{74}$ $+ 68751029946088793700213657680025 z^{72}$ $+ 143451128605904052091019781105264 z^{70}$ $+ 261262802098985956961474096324610 z^{68}$ $+ 415902629756421975600165168182480 z^{66}$ $+ 579292948589343558756502052959635 z^{64}$ $+ 706506100638908172323146876120320 z^{62}$ $+ 754803975315310149621549300052496 z^{60}$ $+ 706506100638908172323146876120320 z^{58}$ $+ 579292948589343558756502052959635 z^{56}$	$\{[60, \sqrt{30}]\}$

		$ \begin{aligned} &+415902629756421975600165168182480 z^{54} \\ &+261262802098985956961474096324610 z^{52} \\ &+143451128605904052091019781105264 z^{50} \\ &+68751029946088793700213657680025 z^{48} \\ &+28712018429916847434054550291200 z^{46} \\ &+10426996166654838049989221771700 z^{44} \\ &+3284694763119518258374843478400 z^{42} \\ &+894975376914193817450958939015 z^{40} \\ &+210201985544663827857747978000 z^{38} \\ &+42390130762167854324764942550 z^{36} \\ &+7306643606115421112733174960 z^{34} \\ &+1070801218167092455597585245 z^{32} \\ &+132613584058354350316340864 z^{30} \\ &+13780914731069801580688440 z^{28} \\ &+1191760643899330212385920 z^{26} \\ &+84939080801494864416975 z^{24} \\ &+4932292437236184013200 z^{22} \\ &+230173662109471522626 z^{20} \\ &+8490197765982149040 z^{18} + 242531248669201245 z^{16} \\ &+5229707110089600 z^{14} + 82371851077900 z^{12} \\ &+908507136000 z^{10} + 6682990275 z^8 + 31931600 z^6 \\ &+106470 z^4 + 240 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{120} + 180 z^{118} + 73290 z^{116} + 28612100 z^{114} + 6563326035 z^{112} \\ &+ 906767922456 z^{110} + 82366336610740 z^{108} \\ &+ 5229793444719960 z^{106} + 242531697768952365 z^{104} \\ &+ 8490194913037214220 z^{102} \\ &+ 230173650497560947534 z^{100} \\ &+ 4932292514873640172380 z^{98} \\ &+ 84939080893918473618735 z^{96} \\ &+ 1191760642586159304479280 z^{94} \\ &+ 13780914732464567855037000 z^{92} \end{aligned} $	

$\{[120, 2, 112]\}$ 

$$x^8 + x^7 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned} &+132613584068752738852102448 z^{90} \\ &+1070801218135198499116294845 z^{88} \\ &+7306643606102977616260732980 z^{86} \\ &+42390130762383157673284221530 z^{84} \\ &+210201985544338072686838488900 z^{82} \\ &+894975376913805313996677898551 z^{80} \\ &+3284694763121428237540574345640 z^{78} \\ &+10426996166653045841123532409740 z^{76} \\ &+28712018429914080361784609796840 z^{74} \\ &+68751029946097368345120810539145 z^{72} \\ &+143451128605898242525799786315436 z^{70} \\ &+261262802098976983430042495589390 z^{68} \\ &+415902629756443185457201028535740 z^{66} \\ &+579292948589331683086126999864275 z^{64} \\ &+706506100638893741990233757154720 z^{62} \\ &+754803975315339122734725517267184 z^{60} \\ &+706506100638893741990233757154720 z^{58} \\ &+579292948589331683086126999864275 z^{56} \\ &+415902629756443185457201028535740 z^{54} \\ &+261262802098976983430042495589390 z^{52} \\ &+143451128605898242525799786315436 z^{50} \\ &+68751029946097368345120810539145 z^{48} \\ &+28712018429914080361784609796840 z^{46} \\ &+10426996166653045841123532409740 z^{44} \\ &+3284694763121428237540574345640 z^{42} \\ &+894975376913805313996677898551 z^{40} \\ &+210201985544338072686838488900 z^{38} \\ &+42390130762383157673284221530 z^{36} \\ &+7306643606102977616260732980 z^{34} \\ &+1070801218135198499116294845 z^{32} \\ &+132613584068752738852102448 z^{30} \end{aligned}$$

 $\{[60, \sqrt{30}]\}$

		$+13780914732464567855037000 z^{28}$ $+1191760642586159304479280 z^{26}$ $+84939080893918473618735 z^{24}$ $+4932292514873640172380 z^{22}$ $+230173650497560947534 z^{20}$ $+8490194913037214220 z^{18} + 242531697768952365 z^{16}$ $+5229793444719960 z^{14} + 82366336610740 z^{12}$ $+906767922456 z^{10} + 6563326035 z^8 + 28612100 z^6$ $+73290 z^4 + 180 z^2 + 1$	
		$z^{120} + 180 z^{118} + 54090 z^{116} + 491520 z^{115} + 16877060 z^{114}$ $+ 209879040 z^{113} + 3447872595 z^{112} + 39801815040 z^{111}$ $+ 459050157336 z^{110} + 4507373568000 z^{109}$ $+ 41290385191860 z^{108} + 341764429086720 z^{107}$ $+ 2615981065256280 z^{106} + 18476055015292928 z^{105}$ $+ 121270145812723245 z^{104} + 741859229194813440 z^{103}$ $+ 4245082449522364940 z^{102}$ $+ 22789540612612915200 z^{101}$ $+ 115086648898835194446 z^{100}$ $+ 548032768187712471040 z^{99}$ $+ 2466146186928167803740 z^{98}$ $+ 10507926607470586429440 z^{97}$ $+ 42469543510229519138095 z^{96}$ $+ 163083030067181308674048 z^{95}$ $+ 595880324482956938506800 z^{94}$ $+ 2074546313736269720125440 z^{93}$ $+ 6890457330002362162687560 z^{92}$ $+ 21859382047448556500090880 z^{91}$ $+ 66306792006001844247478576 z^{90}$ $+ 192503589672483180740935680 z^{89}$ $+ 535400609383028023645395645 z^{88}$ $+ 1427734957108584324739563520 z^{87}$	



$$\{[120, 2, 112]\} \quad x^8 + x^7 + x^4 + x + 1$$

$$\begin{aligned}
&+3653321803094138199425988660 z^{86} \\
&+8976733574130656390323175424 z^{85} \\
&+21195065379248828944867301210 z^{84} \\
&+48118526813022716306165760000 z^{83} \\
&+105100992773307077274234810180 z^{82} \\
&+220981574540966991063282319360 z^{81} \\
&+447487688464730454472038415671 z^{80} \\
&+873146709181589520927437783040 z^{79} \\
&+1642347381550260281929687525800 z^{78} \\
&+2979141761923150909276469821440 z^{77} \\
&+5213498083308578355435408943500 z^{76} \\
&+8805018985164193575070402969600 z^{75} \\
&+14356009215001476875863071154920 z^{74} \\
&+22603078338390045106972808478720 z^{73} \\
&+34375514973059643377268886668425 z^{72} \\
&+50510960776787445642724157521920 z^{71} \\
&+71725564302842889215596680318636 z^{70} \\
&+98446852964894535022089216491520 z^{69} \\
&+130631401049544936430677396165390 z^{68} \\
&+167602552289751871846566932643840 z^{67} \\
&+207951314878361212625676273898940 z^{66} \\
&+249541577853875506752703317540864 z^{65} \\
&+289646474294488878187159103001555 z^{64} \\
&+325217093945100475525693224386560 z^{63} \\
&+353253050319378200750777507298720 z^{62} \\
&+371215069827072290949460397260800 z^{61} \\
&+377401987657912523323553368221936 z^{60} \\
&+371215069827072290949460397260800 z^{59} \\
&+353253050319378200750777507298720 z^{58} \\
&+325217093945100475525693224386560 z^{57} \\
&+289646474294488878187159103001555 z^{56}
\end{aligned}$$

$$\{[60, \sqrt{30}]\}$$

+249541577853875506752703317540864  $z^{55}$   
+207951314878361212625676273898940  $z^{54}$   
+167602552289751871846566932643840  $z^{53}$   
+130631401049544936430677396165390  $z^{52}$   
+98446852964894535022089216491520  $z^{51}$   
+71725564302842889215596680318636  $z^{50}$   
+50510960776787445642724157521920  $z^{49}$   
+34375514973059643377268886668425  $z^{48}$   
+22603078338390045106972808478720  $z^{47}$   
+14356009215001476875863071154920  $z^{46}$   
+8805018985164193575070402969600  $z^{45}$   
+5213498083308578355435408943500  $z^{44}$   
+2979141761923150909276469821440  $z^{43}$   
+1642347381550260281929687525800  $z^{42}$   
+873146709181589520927437783040  $z^{41}$   
+447487688464730454472038415671  $z^{40}$   
+220981574540966991063282319360  $z^{39}$   
+105100992773307077274234810180  $z^{38}$   
+48118526813022716306165760000  $z^{37}$   
+21195065379248828944867301210  $z^{36}$   
+8976733574130656390323175424  $z^{35}$   
+3653321803094138199425988660  $z^{34}$   
+1427734957108584324739563520  $z^{33}$   
+535400609383028023645395645  $z^{32}$   
+192503589672483180740935680  $z^{31}$   
+66306792006001844247478576  $z^{30}$   
+21859382047448556500090880  $z^{29}$   
+6890457330002362162687560  $z^{28}$   
+2074546313736269720125440  $z^{27}$   
+595880324482956938506800  $z^{26}$   
+163083030067181308674048  $z^{25}$

		$+42469543510229519138095 z^{24}$ $+10507926607470586429440 z^{23}$ $+2466146186928167803740 z^{22}$ $+548032768187712471040 z^{21}$ $+115086648898835194446 z^{20}$ $+22789540612612915200 z^{19} + 4245082449522364940 z^{18}$ $+741859229194813440 z^{17} + 121270145812723245 z^{16}$ $+18476055015292928 z^{15} + 2615981065256280 z^{14}$ $+341764429086720 z^{13} + 41290385191860 z^{12}$ $+4507373568000 z^{11} + 459050157336 z^{10}$ $+39801815040 z^9 + 3447872595 z^8 + 209879040 z^7$ $+16877060 z^6 + 491520 z^5 + 54090 z^4 + 180 z^2 + 1$	
		$z^{120} + 60 z^{118} + 79050 z^{116} + 29647020 z^{114} + 6604233555 z^{112}$ $+ 907357718280 z^{110} + 82367996774580 z^{108}$ $+ 5229765208050120 z^{106} + 242531553102025005 z^{104}$ $+ 8490195812821654020 z^{102}$ $+ 230173654530402579150 z^{100}$ $+ 4932292489226898794100 z^{98}$ $+ 84939080858970784937775 z^{96}$ $+ 1191760643041162663867920 z^{94}$ $+ 13780914731967224287469640 z^{92}$ $+ 132613584065267982778153744 z^{90}$ $+ 1070801218146118843660870845 z^{88}$ $+ 7306643606106343550128118460 z^{86}$ $+ 42390130762311994079008709850 z^{84}$ $+ 210201985544449447832580859500 z^{82}$ $+ 894975376913922423821841267255 z^{80}$ $+ 3284694763120818085083375641400 z^{78}$ $+ 10426996166653610842560953820300 z^{76}$ $+ 28712018429915011279491226980600 z^{74}$ $+ 68751029946094565889725081030025 z^{72}$	

$\{[120, 2, 112]\}$	$x^8 + x^7 + x^3 + 1$	$ \begin{aligned} &+143451128605900045664151614902500 z^{70} \\ &+261262802098980130636643730791310 z^{68} \\ &+415902629756436056587410045013140 z^{66} \\ &+579292948589335490520803265392595 z^{64} \\ &+706506100638898923500247352904160 z^{62} \\ &+754803975315328999222986724648176 z^{60} \\ &+706506100638898923500247352904160 z^{58} \\ &+579292948589335490520803265392595 z^{56} \\ &+415902629756436056587410045013140 z^{54} \\ &+261262802098980130636643730791310 z^{52} \\ &+143451128605900045664151614902500 z^{50} \\ &+68751029946094565889725081030025 z^{48} \\ &+28712018429915011279491226980600 z^{46} \\ &+10426996166653610842560953820300 z^{44} \\ &+3284694763120818085083375641400 z^{42} \\ &+894975376913922423821841267255 z^{40} \\ &+210201985544449447832580859500 z^{38} \\ &+42390130762311994079008709850 z^{36} \\ &+7306643606106343550128118460 z^{34} \\ &+1070801218146118843660870845 z^{32} \\ &+132613584065267982778153744 z^{30} \\ &+13780914731967224287469640 z^{28} \\ &+1191760643041162663867920 z^{26} \\ &+84939080858970784937775 z^{24} \\ &+4932292489226898794100 z^{22} \\ &+230173654530402579150 z^{20} \\ &+8490195812821654020 z^{18} + 242531553102025005 z^{16} \\ &+5229765208050120 z^{14} + 82367996774580 z^{12} \\ &+907357718280 z^{10} + 6604233555 z^8 + 29647020 z^6 \\ &+79050 z^4 + 60 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
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