

$\{[n,q,k]\}$	Generator Polynomial	Weight Numerator	$\{\text{Avg Wt,Std}\}$
$\{[6,2,0]\}$	0	$\frac{1}{64} z^6 + \frac{3}{32} z^5 + \frac{15}{64} z^4 + \frac{5}{16} z^3 + \frac{15}{64} z^2 + \frac{3}{32} z + \frac{1}{64}$	$\left\{ \left[3, \frac{\sqrt{6}}{2} \right] \right\}$
$\{[7,2,1]\}$	$x^6+x^5+x^4+x^3+x^2+x+1$	z^7+1	$\left\{ \left[\frac{7}{2}, \frac{7}{2} \right] \right\}$
$\{[8,2,2]\}$	$x^6+x^4+x^2+1$	z^8+2z^4+1	$\{[4, 2\sqrt{2}]\}$
$\{[9,2,3]\}$	x^6+x^3+1	$z^9+3z^6+3z^3+1$	$\left\{ \left[\frac{9}{2}, \frac{3\sqrt{3}}{2} \right] \right\}$
$\{[10,2,4]\}$	x^6+x^5+x+1	$5z^8+10z^4+1$	$\{[5, \sqrt{5}]\}$
$\{[12,2,6]\}$	x^6+1	$z^{12}+6z^{10}+15z^8+20z^6+15z^4+6z^2+1$	$\{[6, \sqrt{6}]\}$
$\{[12,2,6]\}$	$x^6+x^5+x^4+x^2+x+1$	$21z^8+24z^6+18z^4+1$	$\{[6, \sqrt{3}]\}$
$\{[12,2,6]\}$	$x^6+x^5+x^3+x+1$	$z^{12}+4z^9+3z^8+12z^7+24z^6+12z^5+3z^4+4z^3+1$	$\{[6, \sqrt{3}]\}$
$\{[14,2,8]\}$	x^6+x^2+1	$z^{14}+14z^{11}+14z^{10}+49z^8+100z^7+49z^6+14z^4+14z^3+1$	$\left\{ \left[7, \frac{\sqrt{14}}{2} \right] \right\}$
$\{[14,2,8]\}$	x^6+x^4+1	$z^{14}+14z^{11}+14z^{10}+49z^8+100z^7+49z^6+14z^4+14z^3+1$	$\left\{ \left[7, \frac{\sqrt{14}}{2} \right] \right\}$
$\{[14,2,8]\}$	$x^6+x^5+x^4+x^3+x^2+x+1$	$z^{14}+7z^{12}+21z^{10}+35z^8+128z^7+35z^6+21z^4+7z^2+1$	$\left\{ \left[7, \frac{\sqrt{14}}{2} \right] \right\}$
$\{[15,2,9]\}$	$x^6+x^3+x^2+x+1$	$z^{15}+5z^{12}+15z^{11}+60z^{10}+100z^9+75z^8+75z^7+100z^6+60z^5+15z^4+5z^3+1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
$\{[15,2,9]\}$	$x^6+x^4+x^3+x^2+1$	$z^{15}+30z^{11}+60z^{10}+60z^9+105z^8+105z^7+60z^6+60z^5+30z^4+1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
$\{[15,2,9]\}$	$x^6+x^5+x^4+x^3+1$	$z^{15}+5z^{12}+15z^{11}+60z^{10}+100z^9+75z^8+75z^7+100z^6+60z^5+15z^4+5z^3+1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
$\{[16,2,10]\}$	$x^6+x^4+x^2+1$	$z^{16}+8z^{14}+60z^{12}+184z^{10}+518z^8+184z^6+60z^4+8z^2+1$	$\{[8, 2]\}$
$\{[18,2,12]\}$	x^6+1	$729z^{12}+1458z^{10}+1215z^8+540z^6+135z^4+18z^2+1$	$\left\{ \left[9, \frac{3\sqrt{2}}{2} \right] \right\}$

$\{[18, 2, 12]\}$	x^6+x^3+1	$z^{18}+9z^{16}+24z^{15}+36z^{14}+144z^{13}+276z^{12}+360z^{11}+702z^{10}+992z^9+702z^8+360z^7+276z^6+144z^5+36z^4+24z^3+9z^2+1$	$\left\{ \left[9, \frac{3\sqrt{2}}{2} \right] \right\}$
$\{[20, 2, 14]\}$	x^6+x^5+x+1	$z^{20}+10z^{18}+205z^{16}+1080z^{14}+3890z^{12}+6012z^{10}+3890z^8+1080z^6+205z^4+10z^2+1$	$\{[10, \sqrt{5}]\}$
$\{[21, 2, 15]\}$	$x^6+x^4+x^2+x+1$	$z^{21}+28z^{18}+84z^{17}+273z^{16}+924z^{15}+1956z^{14}+2982z^{13}+4340z^{12}+5796z^{11}+5796z^{10}+4340z^9+2982z^8+1956z^7+924z^6+273z^5+84z^4+28z^3+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 15]\}$	x^6+x^4+x+1	$42z^{18}+651z^{16}+3570z^{14}+9310z^{12}+10878z^{10}+6468z^8+1638z^6+210z^4+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 15]\}$	$x^6+x^5+x^4+x^3+x^2+x+1$	$z^{21}+21z^{19}+189z^{17}+945z^{15}+2187z^{14}+2835z^{13}+5103z^{12}+5103z^{11}+5103z^{10}+5103z^9+2835z^8+2187z^7+945z^6+189z^4+21z^2+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 15]\}$	$x^6+x^5+x^4+x^2+1$	$z^{21}+28z^{18}+84z^{17}+273z^{16}+924z^{15}+1956z^{14}+2982z^{13}+4340z^{12}+5796z^{11}+5796z^{10}+4340z^9+2982z^8+1956z^7+924z^6+273z^5+84z^4+28z^3+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 15]\}$	$x^6+x^5+x^2+1$	$42z^{18}+651z^{16}+3570z^{14}+9310z^{12}+10878z^{10}+6468z^8+1638z^6+210z^4+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[24, 2, 18]\}$	x^6+1	$z^{24}+36z^{22}+546z^{20}+4500z^{18}+21615z^{16}+59976z^{14}+88796z^{12}+59976z^{10}+21615z^8+4500z^6+546z^4+36z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 18]\}$	$x^6+x^4+x^2+1$	$z^{24}+24z^{22}+414z^{20}+3672z^{18}+23679z^{16}+61584z^{14}+83396z^{12}+61584z^{10}+23679z^8+3672z^6+414z^4+24z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 18]\}$	$x^6+x^5+x^4+x^2+x+1$	$z^{24}+12z^{22}+354z^{20}+4060z^{18}+23151z^{16}+61464z^{14}+84060z^{12}+61464z^{10}+23151z^8+4060z^6+354z^4+12z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 18]\}$	$x^6+x^5+x^3+x+1$	$z^{24}+12z^{22}+32z^{21}+114z^{20}+672z^{19}+2140z^{18}+5376z^{17}+11823z^{16}+20480z^{15}+29592z^{14}+38976z^{13}+43708z^{12}+38976z^{11}+29592z^{10}+20480z^9+11823z^8+5376z^7+2140z^6+672z^5+114z^4+32z^3+12z^2+1$	$\{[12, \sqrt{6}]\}$
		$z^{27}+27z^{25}+81z^{24}+324z^{23}+1539z^{22}+4455z^{21}+12420z^{20}+34263z^{19}+74847z^{18}+132678z^{17}+204903z^{16}+272808z^{15}$	

$\{[27, 2, 21]\}$	x^6+x^3+1	$+310230 z^{14}+310230 z^{13}+272808 z^{12}+204903 z^{11}+132678 z^{10}$ $+74847 z^9+34263 z^8+12420 z^7+4455 z^6+1539 z^5+324 z^4$ $+81 z^3+27 z^2+1$	$\left\{ \left[\frac{27}{2}, \frac{3\sqrt{3}}{2} \right] \right\}$
$\{[28, 2, 22]\}$	x^6+x^2+1	$z^{28}+14 z^{26}+112 z^{25}+315 z^{24}+1232 z^{23}+5740 z^{22}+18960 z^{21}$ $+48713 z^{20}+108080 z^{19}+206290 z^{18}+334432 z^{17}+471163 z^{16}$ $+585760 z^{15}+632680 z^{14}+585760 z^{13}+471163 z^{12}+334432 z^{11}$ $+206290 z^{10}+108080 z^9+48713 z^8+18960 z^7+5740 z^6+1232 z^5$ $+315 z^4+112 z^3+14 z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 22]\}$	x^6+x^3+x+1	$z^{28}+707 z^{24}+11536 z^{22}+97713 z^{20}+409024 z^{18}+952203 z^{16}$ $+1251936 z^{14}+952203 z^{12}+409024 z^{10}+97713 z^8+11536 z^6$ $+707 z^4+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 22]\}$	x^6+x^4+1	$z^{28}+14 z^{26}+112 z^{25}+315 z^{24}+1232 z^{23}+5740 z^{22}+18960 z^{21}$ $+48713 z^{20}+108080 z^{19}+206290 z^{18}+334432 z^{17}+471163 z^{16}$ $+585760 z^{15}+632680 z^{14}+585760 z^{13}+471163 z^{12}+334432 z^{11}$ $+206290 z^{10}+108080 z^9+48713 z^8+18960 z^7+5740 z^6+1232 z^5$ $+315 z^4+112 z^3+14 z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 22]\}$	$x^6+x^5+x^4+x^3+x^2+x+1$	$z^{28}+42 z^{26}+763 z^{24}+7812 z^{22}+16384 z^{21}+49161 z^{20}+114688 z^{19}$ $+194166 z^{18}+344064 z^{17}+470267 z^{16}+573440 z^{15}+652728 z^{14}$ $+573440 z^{13}+470267 z^{12}+344064 z^{11}+194166 z^{10}+114688 z^9$ $+49161 z^8+16384 z^7+7812 z^6+763 z^4+42 z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 22]\}$	$x^6+x^5+x^3+1$	$z^{28}+707 z^{24}+11536 z^{22}+97713 z^{20}+409024 z^{18}+952203 z^{16}$ $+1251936 z^{14}+952203 z^{12}+409024 z^{10}+97713 z^8+11536 z^6$ $+707 z^4+1$	$\{[14, \sqrt{7}]\}$
$\{[30, 2, 24]\}$	x^6+1	$15625 z^{24}+187500 z^{22}+956250 z^{20}+2687500 z^{18}+4509375 z^{16}$ $+4575000 z^{14}+2727500 z^{12}+915000 z^{10}+180375 z^8+21500 z^6$ $+1530 z^4+60 z^2+1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 24]\}$	$x^6+x^3+x^2+x+1$	$z^{30}+15 z^{28}+40 z^{27}+345 z^{26}+2400 z^{25}+9495 z^{24}+31440 z^{23}$ $+91365 z^{22}+223200 z^{21}+468843 z^{20}+856920 z^{19}+1352685 z^{18}$ $+1863360 z^{17}+2271555 z^{16}+2433888 z^{15}+2271555 z^{14}$	

		$+1863360 z^{13} + 1352685 z^{12} + 856920 z^{11} + 468843 z^{10}$ $+223200 z^9 + 91365 z^8 + 31440 z^7 + 9495 z^6 + 2400 z^5 + 345 z^4$ $+40 z^3 + 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 24]\}$	$x^6 + x^4 + x^3 + x^2 + 1$	$z^{30} + 15 z^{28} + 585 z^{26} + 1920 z^{25} + 9575 z^{24} + 32640 z^{23} + 89205 z^{22}$ $+ 224640 z^{21} + 470043 z^{20} + 852480 z^{19} + 1357645 z^{18}$ $+ 1862400 z^{17} + 2267235 z^{16} + 2440448 z^{15} + 2267235 z^{14}$ $+ 1862400 z^{13} + 1357645 z^{12} + 852480 z^{11} + 470043 z^{10}$ $+ 224640 z^9 + 89205 z^8 + 32640 z^7 + 9575 z^6 + 1920 z^5 + 585 z^4$ $+ 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 24]\}$	$x^6 + x^4 + x^3 + x^2 + x + 1$	$15 z^{28} + 840 z^{26} + 18655 z^{24} + 182520 z^{22} + 939939 z^{20} + 2700880 z^{18}$ $+ 4547475 z^{16} + 4541040 z^{14} + 2705885 z^{12} + 936936 z^{10}$ $+ 183885 z^8 + 18200 z^6 + 945 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 24]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$15 z^{28} + 840 z^{26} + 18655 z^{24} + 182520 z^{22} + 939939 z^{20} + 2700880 z^{18}$ $+ 4547475 z^{16} + 4541040 z^{14} + 2705885 z^{12} + 936936 z^{10}$ $+ 183885 z^8 + 18200 z^6 + 945 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 24]\}$	$x^6 + x^5 + x^4 + x^3 + 1$	$z^{30} + 15 z^{28} + 40 z^{27} + 345 z^{26} + 2400 z^{25} + 9495 z^{24} + 31440 z^{23}$ $+ 91365 z^{22} + 223200 z^{21} + 468843 z^{20} + 856920 z^{19} + 1352685 z^{18}$ $+ 1863360 z^{17} + 2271555 z^{16} + 2433888 z^{15} + 2271555 z^{14}$ $+ 1863360 z^{13} + 1352685 z^{12} + 856920 z^{11} + 468843 z^{10}$ $+ 223200 z^9 + 91365 z^8 + 31440 z^7 + 9495 z^6 + 2400 z^5 + 345 z^4$ $+ 40 z^3 + 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 24]\}$	$x^6 + x^5 + x + 1$	$45 z^{28} + 1110 z^{26} + 19355 z^{24} + 177780 z^{22} + 941589 z^{20} + 2712690 z^{18}$ $+ 4537755 z^{16} + 4531320 z^{14} + 2717695 z^{12} + 938586 z^{10}$ $+ 179145 z^8 + 18900 z^6 + 1215 z^4 + 30 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[31, 2, 25]\}$	$x^6 + x^2 + x + 1$	$155 z^{28} + 5208 z^{26} + 82615 z^{24} + 628680 z^{22} + 2648919 z^{20}$ $+ 6440560 z^{18} + 9398115 z^{16} + 8280720 z^{14} + 4414865 z^{12}$ $+ 1383096 z^{10} + 247845 z^8 + 22568 z^6 + 1085 z^4 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 25]\}$	$x^6 + x^3 + x^2 + 1$	$155 z^{28} + 5208 z^{26} + 82615 z^{24} + 628680 z^{22} + 2648919 z^{20}$ $+ 6440560 z^{18} + 9398115 z^{16} + 8280720 z^{14} + 4414865 z^{12}$	

		$+1383096 z^{10} + 247845 z^8 + 22568 z^6 + 1085 z^4 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 25]\}$	$x^6 + x^4 + x^3 + 1$	$155 z^{28} + 5208 z^{26} + 82615 z^{24} + 628680 z^{22} + 2648919 z^{20}$ $+ 6440560 z^{18} + 9398115 z^{16} + 8280720 z^{14} + 4414865 z^{12}$ $+ 1383096 z^{10} + 247845 z^8 + 22568 z^6 + 1085 z^4 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 25]\}$	$x^6 + x^5 + x^4 + x^3 + x + 1$	$155 z^{28} + 5208 z^{26} + 82615 z^{24} + 628680 z^{22} + 2648919 z^{20}$ $+ 6440560 z^{18} + 9398115 z^{16} + 8280720 z^{14} + 4414865 z^{12}$ $+ 1383096 z^{10} + 247845 z^8 + 22568 z^6 + 1085 z^4 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 25]\}$	$x^6 + x^5 + x^4 + 1$	$155 z^{28} + 5208 z^{26} + 82615 z^{24} + 628680 z^{22} + 2648919 z^{20}$ $+ 6440560 z^{18} + 9398115 z^{16} + 8280720 z^{14} + 4414865 z^{12}$ $+ 1383096 z^{10} + 247845 z^8 + 22568 z^6 + 1085 z^4 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[31, 2, 25]\}$	$x^6 + x^5 + x^3 + x^2 + x + 1$	$155 z^{28} + 5208 z^{26} + 82615 z^{24} + 628680 z^{22} + 2648919 z^{20}$ $+ 6440560 z^{18} + 9398115 z^{16} + 8280720 z^{14} + 4414865 z^{12}$ $+ 1383096 z^{10} + 247845 z^8 + 22568 z^6 + 1085 z^4 + 1$	$\left\{ \left[\frac{31}{2}, \frac{\sqrt{31}}{2} \right] \right\}$
$\{[32, 2, 26]\}$	$x^6 + x^4 + x^2 + 1$	$z^{32} + 48 z^{30} + 1528 z^{28} + 26768 z^{26} + 327196 z^{24} + 2026800 z^{22}$ $+ 7049672 z^{20} + 14707216 z^{18} + 18830406 z^{16} + 14707216 z^{14}$ $+ 7049672 z^{12} + 2026800 z^{10} + 327196 z^8 + 26768 z^6 + 1528 z^4$ $+ 48 z^2 + 1$	$\{[16, 2\sqrt{2}]\}$
$\{[35, 2, 29]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{35} + 70 z^{33} + 2135 z^{31} + 37100 z^{29} + 78125 z^{28} + 403025 z^{27}$ $+ 1093750 z^{26} + 2826250 z^{25} + 6671875 z^{24} + 12779375 z^{23}$ $+ 23187500 z^{22} + 36425000 z^{21} + 50378125 z^{20} + 63896875 z^{19}$ $+ 70656250 z^{18} + 70656250 z^{17} + 63896875 z^{16} + 50378125 z^{15}$ $+ 36425000 z^{14} + 23187500 z^{13} + 12779375 z^{12} + 6671875 z^{11}$ $+ 2826250 z^{10} + 1093750 z^9 + 403025 z^8 + 78125 z^7 + 37100 z^6$ $+ 2135 z^4 + 70 z^2 + 1$	$\left\{ \left[\frac{35}{2}, \frac{\sqrt{35}}{2} \right] \right\}$
$\{[36, 2, 30]\}$	$x^6 + 1$	$z^{36} + 90 z^{34} + 3465 z^{32} + 74256 z^{30} + 965700 z^{28} + 7810200 z^{26}$ $+ 39025140 z^{24} + 119084400 z^{22} + 228441150 z^{20}$ $+ 282933020 z^{18} + 228441150 z^{16} + 119084400 z^{14}$ $+ 39025140 z^{12} + 7810200 z^{10} + 965700 z^8 + 74256 z^6 + 3465 z^4$	$\{[18, 3]\}$

		$+90 z^2 + 1$	
$\{[36, 2, 30]\}$	$x^6 + x^3 + 1$	$z^{36} + 54 z^{34} + 192 z^{33} + 1305 z^{32} + 7488 z^{31} + 30864 z^{30} + 126144 z^{29}$ $+ 467316 z^{28} + 1461568 z^{27} + 3965544 z^{26} + 9422784 z^{25}$ $+ 19606788 z^{24} + 36099648 z^{23} + 59282928 z^{22} + 86929344 z^{21}$ $+ 114076782 z^{20} + 134388288 z^{19} + 142007748 z^{18}$ $+ 134388288 z^{17} + 114076782 z^{16} + 86929344 z^{15} + 59282928 z^{14}$ $+ 36099648 z^{13} + 19606788 z^{12} + 9422784 z^{11} + 3965544 z^{10}$ $+ 1461568 z^9 + 467316 z^8 + 126144 z^7 + 30864 z^6 + 7488 z^5$ $+ 1305 z^4 + 192 z^3 + 54 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 30]\}$	$x^6 + x^5 + x^4 + x^2 + x + 1$	$1701 z^{32} + 60588 z^{30} + 952236 z^{28} + 7923996 z^{26} + 39130608 z^{24}$ $+ 118652220 z^{22} + 228336300 z^{20} + 283592364 z^{18}$ $+ 228420594 z^{16} + 118596420 z^{14} + 39117348 z^{12} + 7952148 z^{10}$ $+ 942840 z^8 + 60372 z^6 + 2052 z^4 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 30]\}$	$x^6 + x^5 + x^3 + x + 1$	$z^{36} + 36 z^{34} + 108 z^{33} + 837 z^{32} + 5940 z^{31} + 29592 z^{30} + 130284 z^{29}$ $+ 478872 z^{28} + 1470964 z^{27} + 3955104 z^{26} + 9388764 z^{25}$ $+ 19578000 z^{24} + 36102852 z^{23} + 59317992 z^{22} + 87002652 z^{21}$ $+ 114143634 z^{20} + 134333892 z^{19} + 141862776 z^{18}$ $+ 134333892 z^{17} + 114143634 z^{16} + 87002652 z^{15} + 59317992 z^{14}$ $+ 36102852 z^{13} + 19578000 z^{12} + 9388764 z^{11} + 3955104 z^{10}$ $+ 1470964 z^9 + 478872 z^8 + 130284 z^7 + 29592 z^6 + 5940 z^5 + 837 z^4$ $+ 108 z^3 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[40, 2, 34]\}$	$x^6 + x^4 + x^2 + 1$	$z^{40} + 80 z^{38} + 4090 z^{36} + 118800 z^{34} + 2381325 z^{32} + 26528000 z^{30}$ $+ 174711800 z^{28} + 724771200 z^{26} + 1964501490 z^{24}$ $+ 3543483680 z^{22} + 4306868252 z^{20} + 3543483680 z^{18}$ $+ 1964501490 z^{16} + 724771200 z^{14} + 174711800 z^{12}$ $+ 26528000 z^{10} + 2381325 z^8 + 118800 z^6 + 4090 z^4 + 80 z^2 + 1$	$\{[20, \sqrt{10}]\}$
$\{[40, 2, 34]\}$	$x^6 + x^5 + x + 1$	$z^{40} + 60 z^{38} + 4190 z^{36} + 128860 z^{34} + 2394605 z^{32} + 26370992 z^{30}$ $+ 174732520 z^{28} + 725616240 z^{26} + 1963478290 z^{24}$ $+ 3542589000 z^{22} + 4309239668 z^{20} + 3542589000 z^{18}$ $+ 1963478290 z^{16} + 725616240 z^{14} + 174732520 z^{12}$	$\{[20, \sqrt{10}]\}$

		$+26370992 z^{10} + 2394605 z^8 + 128860 z^6 + 4190 z^4 + 60 z^2 + 1$	
$\{[42, 2, 36]\}$	$x^6 + 1$	$117649 z^{36} + 3529470 z^{34} + 46236057 z^{32} + 347165392 z^{30}$ $+ 1650783540 z^{28} + 5197396680 z^{26} + 11058285700 z^{24}$ $+ 16063842480 z^{22} + 16047779790 z^{20} + 11048544500 z^{18}$ $+ 5208837102 z^{16} + 1653232560 z^{14} + 343956676 z^{12}$ $+ 45688776 z^{10} + 3866100 z^8 + 207312 z^6 + 6825 z^4 + 126 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 36]\}$	$x^6 + x^2 + 1$	$z^{42} + 42 z^{40} + 378 z^{39} + 1953 z^{38} + 12852 z^{37} + 81081 z^{36} + 418410 z^{35}$ $+ 1836702 z^{34} + 6978272 z^{33} + 23042481 z^{32} + 66891720 z^{31}$ $+ 172666004 z^{30} + 398640816 z^{29} + 826022436 z^{28}$ $+ 1541878632 z^{27} + 2601857286 z^{26} + 3979227168 z^{25}$ $+ 5526177664 z^{24} + 6980221164 z^{23} + 8028183534 z^{22}$ $+ 8411199544 z^{21} + 8028183534 z^{20} + 6980221164 z^{19}$ $+ 5526177664 z^{18} + 3979227168 z^{17} + 2601857286 z^{16}$ $+ 1541878632 z^{15} + 826022436 z^{14} + 398640816 z^{13}$ $+ 172666004 z^{12} + 66891720 z^{11} + 23042481 z^{10} + 6978272 z^9$ $+ 1836702 z^8 + 418410 z^7 + 81081 z^6 + 12852 z^5 + 1953 z^4 + 378 z^3$ $+ 42 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 36]\}$	$x^6 + x^4 + x^2 + x + 1$	$z^{42} + 21 z^{40} + 224 z^{39} + 1554 z^{38} + 12768 z^{37} + 83314 z^{36} + 424416 z^{35}$ $+ 1839201 z^{34} + 6958336 z^{33} + 23002749 z^{32} + 66896256 z^{31}$ $+ 172767224 z^{30} + 398740608 z^{29} + 825951288 z^{28}$ $+ 1541658496 z^{27} + 2601719778 z^{26} + 3979352832 z^{25}$ $+ 5526501162 z^{24} + 6980430912 z^{23} + 8028002892 z^{22}$ $+ 8410788672 z^{21} + 8028002892 z^{20} + 6980430912 z^{19}$ $+ 5526501162 z^{18} + 3979352832 z^{17} + 2601719778 z^{16}$ $+ 1541658496 z^{15} + 825951288 z^{14} + 398740608 z^{13}$ $+ 172767224 z^{12} + 66896256 z^{11} + 23002749 z^{10} + 6958336 z^9$ $+ 1839201 z^8 + 424416 z^7 + 83314 z^6 + 12768 z^5 + 1554 z^4 + 224 z^3$ $+ 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
		$z^{42} + 42 z^{40} + 378 z^{39} + 1953 z^{38} + 12852 z^{37} + 81081 z^{36} + 418410 z^{35}$ $+ 1836702 z^{34} + 6978272 z^{33} + 23042481 z^{32} + 66891720 z^{31}$	

$\{[42, 2, 36]\}$	$x^6 + x^4 + 1$	$+172666004 z^{30} + 398640816 z^{29} + 826022436 z^{28}$ $+1541878632 z^{27} + 2601857286 z^{26} + 3979227168 z^{25}$ $+5526177664 z^{24} + 6980221164 z^{23} + 8028183534 z^{22}$ $+8411199544 z^{21} + 8028183534 z^{20} + 6980221164 z^{19}$ $+5526177664 z^{18} + 3979227168 z^{17} + 2601857286 z^{16}$ $+1541878632 z^{15} + 826022436 z^{14} + 398640816 z^{13}$ $+172666004 z^{12} + 66891720 z^{11} + 23042481 z^{10} + 6978272 z^9$ $+1836702 z^8 + 418410 z^7 + 81081 z^6 + 12852 z^5 + 1953 z^4 + 378 z^3$ $+42 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 36]\}$	$x^6 + x^4 + x + 1$	$z^{42} + 21 z^{40} + 3570 z^{38} + 163282 z^{36} + 3691233 z^{34} + 45977085 z^{32}$ $+345566200 z^{30} + 1651908408 z^{28} + 5203362402 z^{26}$ $+11053116074 z^{24} + 16055950092 z^{22} + 16055950092 z^{20}$ $+11053116074 z^{18} + 5203362402 z^{16} + 1651908408 z^{14}$ $+345566200 z^{12} + 45977085 z^{10} + 3691233 z^8 + 163282 z^6$ $+3570 z^4 + 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 36]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{42} + 105 z^{40} + 4830 z^{38} + 127582 z^{36} + 279936 z^{35} + 2131605 z^{34}$ $+6531840 z^{33} + 23413005 z^{32} + 67277952 z^{31} + 170737896 z^{30}$ $+402071040 z^{29} + 822580200 z^{28} + 1542070656 z^{27}$ $+2607894450 z^{26} + 3968697600 z^{25} + 5534841410 z^{24}$ $+6979781760 z^{23} + 8018138100 z^{22} + 8426316800 z^{21}$ $+8018138100 z^{20} + 6979781760 z^{19} + 5534841410 z^{18}$ $+3968697600 z^{17} + 2607894450 z^{16} + 1542070656 z^{15}$ $+822580200 z^{14} + 402071040 z^{13} + 170737896 z^{12}$ $+67277952 z^{11} + 23413005 z^{10} + 6531840 z^9 + 2131605 z^8$ $+279936 z^7 + 127582 z^6 + 4830 z^4 + 105 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 36]\}$	$x^6 + x^5 + x^4 + x^2 + 1$	$z^{42} + 21 z^{40} + 224 z^{39} + 1554 z^{38} + 12768 z^{37} + 83314 z^{36} + 424416 z^{35}$ $+1839201 z^{34} + 6958336 z^{33} + 23002749 z^{32} + 66896256 z^{31}$ $+172767224 z^{30} + 398740608 z^{29} + 825951288 z^{28}$ $+1541658496 z^{27} + 2601719778 z^{26} + 3979352832 z^{25}$ $+5526501162 z^{24} + 6980430912 z^{23} + 8028002892 z^{22}$ $+8410788672 z^{21} + 8028002892 z^{20} + 6980430912 z^{19}$	

		$ \begin{aligned} &+5526501162 z^{18}+3979352832 z^{17}+2601719778 z^{16} \\ &+1541658496 z^{15}+825951288 z^{14}+398740608 z^{13} \\ &+172767224 z^{12}+66896256 z^{11}+23002749 z^{10}+6958336 z^9 \\ &+1839201 z^8+424416 z^7+83314 z^6+12768 z^5+1554 z^4+224 z^3 \\ &+21 z^2+1 \end{aligned} $	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 36]\}$	$x^6+x^5+x^2+1$	$ \begin{aligned} &z^{42}+21 z^{40}+3570 z^{38}+163282 z^{36}+3691233 z^{34}+45977085 z^{32} \\ &+345566200 z^{30}+1651908408 z^{28}+5203362402 z^{26} \\ &+11053116074 z^{24}+16055950092 z^{22}+16055950092 z^{20} \\ &+11053116074 z^{18}+5203362402 z^{16}+1651908408 z^{14} \\ &+345566200 z^{12}+45977085 z^{10}+3691233 z^8+163282 z^6 \\ &+3570 z^4+21 z^2+1 \end{aligned} $	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[45, 2, 39]\}$	x^6+x^3+1	$ \begin{aligned} &z^{45}+90 z^{43}+375 z^{42}+3645 z^{41}+24750 z^{40}+134475 z^{39}+713475 z^{38} \\ &+3355650 z^{37}+13745525 z^{36}+49692375 z^{35}+158636070 z^{34} \\ &+449650500 z^{33}+1141345665 z^{32}+2608267500 z^{31} \\ &+5387885628 z^{30}+10100553750 z^{29}+17233855380 z^{28} \\ &+26812495000 z^{27}+38102472090 z^{26}+49532613750 z^{25} \\ &+58964067000 z^{24}+64318394250 z^{23}+64318394250 z^{22} \\ &+58964067000 z^{21}+49532613750 z^{20}+38102472090 z^{19} \\ &+26812495000 z^{18}+17233855380 z^{17}+10100553750 z^{16} \\ &+5387885628 z^{15}+2608267500 z^{14}+1141345665 z^{13} \\ &+449650500 z^{12}+158636070 z^{11}+49692375 z^{10}+13745525 z^9 \\ &+3355650 z^8+713475 z^7+134475 z^6+24750 z^5+3645 z^4+375 z^3 \\ &+90 z^2+1 \end{aligned} $	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 39]\}$	$x^6+x^3+x^2+x+1$	$ \begin{aligned} &z^{45}+45 z^{43}+135 z^{42}+2160 z^{41}+19575 z^{40}+126900 z^{39}+710820 z^{38} \\ &+3372435 z^{37}+13821440 z^{36}+49837779 z^{35}+158707665 z^{34} \\ &+449360880 z^{33}+1140488325 z^{32}+2607462720 z^{31} \\ &+5388817632 z^{30}+10103364810 z^{29}+17235470160 z^{28} \\ &+26810723890 z^{27}+38098806390 z^{26}+49529677392 z^{25} \\ &+58964424870 z^{24}+64322710920 z^{23}+64322710920 z^{22} \end{aligned} $	

		$ \begin{aligned} &+58964424870 z^{21}+49529677392 z^{20}+38098806390 z^{19} \\ &+26810723890 z^{18}+17235470160 z^{17}+10103364810 z^{16} \\ &+5388817632 z^{15}+2607462720 z^{14}+1140488325 z^{13} \\ &+449360880 z^{12}+158707665 z^{11}+49837779 z^{10}+13821440 z^9 \\ &+3372435 z^8+710820 z^7+126900 z^6+19575 z^5+2160 z^4+135 z^3 \\ &+45 z^2+1 \end{aligned} $	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 39]\}$	$x^6+x^4+x^3+x^2+1$	$ \begin{aligned} &z^{45}+45 z^{43}+3375 z^{41}+14580 z^{40}+139455 z^{39}+691335 z^{38} \\ &+3379320 z^{37}+13878135 z^{36}+49666644 z^{35}+158950485 z^{34} \\ &+449275980 z^{33}+1140040665 z^{32}+2608585740 z^{31} \\ &+5387686332 z^{30}+10103115150 z^{29}+17237956860 z^{28} \\ &+26807138790 z^{27}+38100255300 z^{26}+49533122322 z^{25} \\ &+58957904940 z^{24}+64326101490 z^{23}+64326101490 z^{22} \\ &+58957904940 z^{21}+49533122322 z^{20}+38100255300 z^{19} \\ &+26807138790 z^{18}+17237956860 z^{17}+10103115150 z^{16} \\ &+5387686332 z^{15}+2608585740 z^{14}+1140040665 z^{13} \\ &+449275980 z^{12}+158950485 z^{11}+49666644 z^{10}+13878135 z^9 \\ &+3379320 z^8+691335 z^7+139455 z^6+14580 z^5+3375 z^4+45 z^2 \\ &+1 \end{aligned} $	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 39]\}$	$x^6+x^5+x^4+x^3+1$	$ \begin{aligned} &z^{45}+45 z^{43}+135 z^{42}+2160 z^{41}+19575 z^{40}+126900 z^{39}+710820 z^{38} \\ &+3372435 z^{37}+13821440 z^{36}+49837779 z^{35}+158707665 z^{34} \\ &+449360880 z^{33}+1140488325 z^{32}+2607462720 z^{31} \\ &+5388817632 z^{30}+10103364810 z^{29}+17235470160 z^{28} \\ &+26810723890 z^{27}+38098806390 z^{26}+49529677392 z^{25} \\ &+58964424870 z^{24}+64322710920 z^{23}+64322710920 z^{22} \\ &+58964424870 z^{21}+49529677392 z^{20}+38098806390 z^{19} \\ &+26810723890 z^{18}+17235470160 z^{17}+10103364810 z^{16} \\ &+5388817632 z^{15}+2607462720 z^{14}+1140488325 z^{13} \\ &+449360880 z^{12}+158707665 z^{11}+49837779 z^{10}+13821440 z^9 \\ &+3372435 z^8+710820 z^7+126900 z^6+19575 z^5+2160 z^4+135 z^3 \\ &+45 z^2+1 \end{aligned} $	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$

$\{[48, 2, 42]\}$	$x^6 + 1$	$z^{48} + 168 z^{46} + 12180 z^{44} + 498008 z^{42} + 12609666 z^{40} + 205069368 z^{38}$ $+ 2168797764 z^{36} + 15062491080 z^{34} + 70505344239 z^{32}$ $+ 228464996368 z^{30} + 522872230440 z^{28} + 855774378480 z^{26}$ $+ 1007913655580 z^{24} + 855774378480 z^{22} + 522872230440 z^{20}$ $+ 228464996368 z^{18} + 70505344239 z^{16} + 15062491080 z^{14}$ $+ 2168797764 z^{12} + 205069368 z^{10} + 12609666 z^8 + 498008 z^6$ $+ 12180 z^4 + 168 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 42]\}$	$x^6 + x^4 + x^2 + 1$	$z^{48} + 120 z^{46} + 9012 z^{44} + 391688 z^{42} + 11708994 z^{40} + 204303528 z^{38}$ $+ 2178399588 z^{36} + 15070669272 z^{34} + 70461186543 z^{32}$ $+ 228442975024 z^{30} + 522983226216 z^{28} + 855789093840 z^{26}$ $+ 1007762583452 z^{24} + 855789093840 z^{22} + 522983226216 z^{20}$ $+ 228442975024 z^{18} + 70461186543 z^{16} + 15070669272 z^{14}$ $+ 2178399588 z^{12} + 204303528 z^{10} + 11708994 z^8 + 391688 z^6$ $+ 9012 z^4 + 120 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 42]\}$	$x^6 + x^5 + x^4 + x^2 + x + 1$	$z^{48} + 72 z^{46} + 6996 z^{44} + 386232 z^{42} + 11764482 z^{40} + 204371736 z^{38}$ $+ 2177526532 z^{36} + 15071984616 z^{34} + 70463056623 z^{32}$ $+ 228435529296 z^{30} + 522989057448 z^{28} + 855795161520 z^{26}$ $+ 1007748819996 z^{24} + 855795161520 z^{22} + 522989057448 z^{20}$ $+ 228435529296 z^{18} + 70463056623 z^{16} + 15071984616 z^{14}$ $+ 2177526532 z^{12} + 204371736 z^{10} + 11764482 z^8 + 386232 z^6$ $+ 6996 z^4 + 72 z^2 + 1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 42]\}$	$x^6 + x^5 + x^3 + x + 1$	$z^{48} + 72 z^{46} + 256 z^{45} + 3156 z^{44} + 26880 z^{43} + 186552 z^{42} + 1150464 z^{41}$ $+ 5923074 z^{40} + 26201600 z^{39} + 102157080 z^{38} + 353064192 z^{37}$ $+ 1088456708 z^{36} + 3014479104 z^{35} + 7536921576 z^{34}$ $+ 17082181632 z^{33} + 35230700271 z^{32} + 66319214592 z^{31}$ $+ 114217049680 z^{30} + 180341076480 z^{29} + 261496809384 z^{28}$ $+ 348660335104 z^{27} + 427895304624 z^{26} + 483713897472 z^{25}$ $+ 503876231196 z^{24} + 483713897472 z^{23} + 427895304624 z^{22}$ $+ 348660335104 z^{21} + 261496809384 z^{20} + 180341076480 z^{19}$ $+ 114217049680 z^{18} + 66319214592 z^{17} + 35230700271 z^{16}$ $+ 17082181632 z^{15} + 7536921576 z^{14} + 3014479104 z^{13}$	$\{[24, 2\sqrt{3}]\}$

		$+1088456708 z^{12} + 353064192 z^{11} + 102157080 z^{10}$ $+26201600 z^9 + 5923074 z^8 + 1150464 z^7 + 186552 z^6 + 26880 z^5$ $+3156 z^4 + 256 z^3 + 72 z^2 + 1$	
$\{[49, 2, 43]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{49} + 147 z^{47} + 9506 z^{45} + 355054 z^{43} + 823543 z^{42} + 8459409 z^{41}$ $+28824005 z^{40} + 134180571 z^{39} + 449654478 z^{38}$ $+1440185656 z^{37} + 4122656258 z^{36} + 10502492616 z^{35}$ $+24680760167 z^{34} + 52285025954 z^{33} + 101495909949 z^{32}$ $+180704959974 z^{31} + 294330503432 z^{30} + 441949140780 z^{29}$ $+610283010680 z^{28} + 776228135284 z^{27} + 911990341710 z^{26}$ $+987411081930 z^{25} + 987411081930 z^{24} + 911990341710 z^{23}$ $+776228135284 z^{22} + 610283010680 z^{21} + 441949140780 z^{20}$ $+294330503432 z^{19} + 180704959974 z^{18} + 101495909949 z^{17}$ $+52285025954 z^{16} + 24680760167 z^{15} + 10502492616 z^{14}$ $+4122656258 z^{13} + 1440185656 z^{12} + 449654478 z^{11}$ $+134180571 z^{10} + 28824005 z^9 + 8459409 z^8 + 823543 z^7$ $+355054 z^6 + 9506 z^4 + 147 z^2 + 1$	$\left\{ \left[\frac{49}{2}, \frac{7}{2} \right] \right\}$
$\{[50, 2, 44]\}$	$x^6 + x^5 + x + 1$	$125 z^{48} + 10500 z^{46} + 551800 z^{44} + 16939100 z^{42} + 320260630 z^{40}$ $+3791161900 z^{38} + 29315229200 z^{36} + 153875176500 z^{34}$ $+564134170375 z^{32} + 1472789185000 z^{30} + 2773514370000 z^{28}$ $+3798334615000 z^{26} + 3798339815300 z^{24} + 2773509912600 z^{22}$ $+1472792453760 z^{20} + 564132127400 z^{18} + 153876258075 z^{16}$ $+29314748500 z^{14} + 3791339000 z^{12} + 320207500 z^{10}$ $+16951750 z^8 + 549500 z^6 + 10800 z^4 + 100 z^2 + 1$	$\left\{ \left[25, \frac{5\sqrt{2}}{2} \right] \right\}$
$\{[54, 2, 48]\}$	$x^6 + 1$	$531441 z^{48} + 29760696 z^{46} + 739057284 z^{44} + 10737627624 z^{42}$ $+101536684434 z^{40} + 659133648936 z^{38} + 3028347825876 z^{36}$ $+10043743769784 z^{34} + 24392524459599 z^{32}$ $+43831904516784 z^{30} + 58666946478984 z^{28}$ $+58670892322704 z^{26} + 43834381407036 z^{24}$ $+24389430403536 z^{22} + 10042992371016 z^{20}$ $+3029547258864 z^{18} + 659293363359 z^{16} + 101302920216 z^{14}$ $+10699223796 z^{12} + 756667656 z^{10} + 35320914 z^8 + 1069704 z^6$	$\left\{ \left[27, \frac{3\sqrt{6}}{2} \right] \right\}$

		$+20196 z^4 + 216 z^2 + 1$	
$\{[54, 2, 48]\}$	$x^6 + x^3 + 1$	$z^{54} + 135 z^{52} + 648 z^{51} + 8235 z^{50} + 64800 z^{49} + 439677 z^{48}$ $+ 2852064 z^{47} + 16336350 z^{46} + 82804704 z^{45} + 373020498 z^{44}$ $+ 1494213264 z^{43} + 5358125250 z^{42} + 17318998368 z^{41}$ $+ 50721712110 z^{40} + 135232972128 z^{39} + 329597659899 z^{38}$ $+ 736740519840 z^{37} + 1514429659293 z^{36} + 2869518987000 z^{35}$ $+ 5021765956305 z^{34} + 8130456712512 z^{33}$ $+ 12195516955239 z^{32} + 16967549269440 z^{31}$ $+ 21916382611284 z^{30} + 26299739434176 z^{29}$ $+ 29334581693388 z^{28} + 30421214697440 z^{27}$ $+ 29334581693388 z^{26} + 26299739434176 z^{25}$ $+ 21916382611284 z^{24} + 16967549269440 z^{23}$ $+ 12195516955239 z^{22} + 8130456712512 z^{21}$ $+ 5021765956305 z^{20} + 2869518987000 z^{19} + 1514429659293 z^{18}$ $+ 736740519840 z^{17} + 329597659899 z^{16} + 135232972128 z^{15}$ $+ 50721712110 z^{14} + 17318998368 z^{13} + 5358125250 z^{12}$ $+ 1494213264 z^{11} + 373020498 z^{10} + 82804704 z^9 + 16336350 z^8$ $+ 2852064 z^7 + 439677 z^6 + 64800 z^5 + 8235 z^4 + 648 z^3 + 135 z^2 + 1$	$\left\{ \left[27, \frac{3\sqrt{6}}{2} \right] \right\}$
$\{[56, 2, 50]\}$	$x^6 + x^2 + 1$	$z^{56} + 84 z^{54} + 896 z^{53} + 6874 z^{52} + 61824 z^{51} + 509796 z^{50} + 3602432 z^{49}$ $+ 22109563 z^{48} + 118336512 z^{47} + 556648120 z^{46}$ $+ 2327118080 z^{45} + 8724971108 z^{44} + 29529204992 z^{43}$ $+ 90695771768 z^{42} + 253952699392 z^{41} + 650770482313 z^{40}$ $+ 1531230840832 z^{39} + 3317629632828 z^{38} + 6635217529472 z^{37}$ $+ 12275179437766 z^{36} + 21043231461504 z^{35}$ $+ 33477894560908 z^{34} + 49489045716992 z^{33}$ $+ 68047380254203 z^{32} + 87100545222656 z^{31}$ $+ 103850644122960 z^{30} + 115389774915072 z^{29}$ $+ 119510956404728 z^{28} + 115389774915072 z^{27}$ $+ 103850644122960 z^{26} + 87100545222656 z^{25}$ $+ 68047380254203 z^{24} + 49489045716992 z^{23}$ $+ 33477894560908 z^{22} + 21043231461504 z^{21}$	$\{[28, \sqrt{14}]\}$

		$+12275179437766 z^{20} + 6635217529472 z^{19}$ $+3317629632828 z^{18} + 1531230840832 z^{17} + 650770482313 z^{16}$ $+253952699392 z^{15} + 90695771768 z^{14} + 29529204992 z^{13}$ $+8724971108 z^{12} + 2327118080 z^{11} + 556648120 z^{10}$ $+118336512 z^9 + 22109563 z^8 + 3602432 z^7 + 509796 z^6$ $+61824 z^5 + 6874 z^4 + 896 z^3 + 84 z^2 + 1$	
$\{[56, 2, 50]\}$	$x^6 + x^3 + x + 1$	$z^{56} + 28 z^{54} + 11690 z^{52} + 1013068 z^{50} + 44399803 z^{48}$ $+1112673128 z^{46} + 17449680388 z^{44} + 181397148328 z^{42}$ $+1301531920073 z^{40} + 6635244234388 z^{38}$ $+24550435251958 z^{36} + 66955681089668 z^{34}$ $+136094771031163 z^{32} + 207701473443184 z^{30}$ $+239021623048888 z^{28} + 207701473443184 z^{26}$ $+136094771031163 z^{24} + 66955681089668 z^{22}$ $+24550435251958 z^{20} + 6635244234388 z^{18}$ $+1301531920073 z^{16} + 181397148328 z^{14} + 17449680388 z^{12}$ $+1112673128 z^{10} + 44399803 z^8 + 1013068 z^6 + 11690 z^4 + 28 z^2$ $+1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 50]\}$	$x^6 + x^4 + x^2 + 1$	$z^{56} + 168 z^{54} + 17430 z^{52} + 1059240 z^{50} + 44237739 z^{48}$ $+1111468176 z^{46} + 17454256092 z^{44} + 181402541712 z^{42}$ $+1301485663737 z^{40} + 6635298203352 z^{38}$ $+24550531520970 z^{36} + 66955374444504 z^{34}$ $+136094967776859 z^{32} + 207701772216288 z^{30}$ $+239021020030088 z^{28} + 207701772216288 z^{26}$ $+136094967776859 z^{24} + 66955374444504 z^{22}$ $+24550531520970 z^{20} + 6635298203352 z^{18}$ $+1301485663737 z^{16} + 181402541712 z^{14} + 17454256092 z^{12}$ $+1111468176 z^{10} + 44237739 z^8 + 1059240 z^6 + 17430 z^4 + 168 z^2$ $+1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 84 z^{54} + 896 z^{53} + 6874 z^{52} + 61824 z^{51} + 509796 z^{50} + 3602432 z^{49}$ $+22109563 z^{48} + 118336512 z^{47} + 556648120 z^{46}$ $+2327118080 z^{45} + 8724971108 z^{44} + 29529204992 z^{43}$	

$\{[56, 2, 50]\}$	$x^6 + x^4 + 1$	$+90695771768 z^{42} + 253952699392 z^{41} + 650770482313 z^{40}$ $+1531230840832 z^{39} + 3317629632828 z^{38} + 6635217529472 z^{37}$ $+12275179437766 z^{36} + 21043231461504 z^{35}$ $+33477894560908 z^{34} + 49489045716992 z^{33}$ $+68047380254203 z^{32} + 87100545222656 z^{31}$ $+103850644122960 z^{30} + 115389774915072 z^{29}$ $+119510956404728 z^{28} + 115389774915072 z^{27}$ $+103850644122960 z^{26} + 87100545222656 z^{25}$ $+68047380254203 z^{24} + 49489045716992 z^{23}$ $+33477894560908 z^{22} + 21043231461504 z^{21}$ $+12275179437766 z^{20} + 6635217529472 z^{19}$ $+3317629632828 z^{18} + 1531230840832 z^{17} + 650770482313 z^{16}$ $+253952699392 z^{15} + 90695771768 z^{14} + 29529204992 z^{13}$ $+8724971108 z^{12} + 2327118080 z^{11} + 556648120 z^{10}$ $+118336512 z^9 + 22109563 z^8 + 3602432 z^7 + 509796 z^6$ $+61824 z^5 + 6874 z^4 + 896 z^3 + 84 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 50]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{56} + 196 z^{54} + 16954 z^{52} + 850836 z^{50} + 2097152 z^{49} + 27411195 z^{48}$ $+102760448 z^{47} + 593341784 z^{46} + 2260729856 z^{45}$ $+8807373092 z^{44} + 29506928640 z^{43} + 90497252888 z^{42}$ $+254537629696 z^{41} + 649825489929 z^{40} + 1532055519232 z^{39}$ $+3317920417420 z^{38} + 6632922677248 z^{37}$ $+12279184773478 z^{36} + 21039585165312 z^{35}$ $+33477958706332 z^{34} + 49494569779200 z^{33}$ $+68038177626363 z^{32} + 87107947200512 z^{31}$ $+103850450677008 z^{30} + 115381486223360 z^{29}$ $+119523065546360 z^{28} + 115381486223360 z^{27}$ $+103850450677008 z^{26} + 87107947200512 z^{25}$ $+68038177626363 z^{24} + 49494569779200 z^{23}$ $+33477958706332 z^{22} + 21039585165312 z^{21}$ $+12279184773478 z^{20} + 6632922677248 z^{19}$ $+3317920417420 z^{18} + 1532055519232 z^{17} + 649825489929 z^{16}$	$\{[28, \sqrt{14}]\}$

		$+254537629696 z^{15} + 90497252888 z^{14} + 29506928640 z^{13}$ $+ 8807373092 z^{12} + 2260729856 z^{11} + 593341784 z^{10}$ $+ 102760448 z^9 + 27411195 z^8 + 2097152 z^7 + 850836 z^6$ $+ 16954 z^4 + 196 z^2 + 1$	
$\{[56, 2, 50]\}$	$x^6 + x^5 + x^3 + 1$	$z^{56} + 28 z^{54} + 11690 z^{52} + 1013068 z^{50} + 44399803 z^{48}$ $+ 1112673128 z^{46} + 17449680388 z^{44} + 181397148328 z^{42}$ $+ 1301531920073 z^{40} + 6635244234388 z^{38}$ $+ 24550435251958 z^{36} + 66955681089668 z^{34}$ $+ 136094771031163 z^{32} + 207701473443184 z^{30}$ $+ 239021623048888 z^{28} + 207701473443184 z^{26}$ $+ 136094771031163 z^{24} + 66955681089668 z^{22}$ $+ 24550435251958 z^{20} + 6635244234388 z^{18}$ $+ 1301531920073 z^{16} + 181397148328 z^{14} + 17449680388 z^{12}$ $+ 1112673128 z^{10} + 44399803 z^8 + 1013068 z^6 + 11690 z^4 + 28 z^2$ $+ 1$	$\{[28, \sqrt{14}]\}$
$\{[60, 2, 54]\}$	$x^6 + 1$	$z^{60} + 270 z^{58} + 31635 z^{56} + 2107260 z^{54} + 87969645 z^{52}$ $+ 2401312506 z^{50} + 43752876975 z^{48} + 541507483800 z^{46}$ $+ 4674450116925 z^{44} + 28910556316350 z^{42}$ $+ 130999514625015 z^{40} + 442307853317700 z^{38}$ $+ 1126628278353225 z^{36} + 2183974002113850 z^{34}$ $+ 3241253543397075 z^{32} + 3695726609437520 z^{30}$ $+ 3241253543397075 z^{28} + 2183974002113850 z^{26}$ $+ 1126628278353225 z^{24} + 442307853317700 z^{22}$ $+ 130999514625015 z^{20} + 28910556316350 z^{18}$ $+ 4674450116925 z^{16} + 541507483800 z^{14} + 43752876975 z^{12}$ $+ 2401312506 z^{10} + 87969645 z^8 + 2107260 z^6 + 31635 z^4 + 270 z^2$ $+ 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 90 z^{58} + 320 z^{57} + 7635 z^{56} + 85440 z^{55} + 777940 z^{54} + 6056640 z^{53}$ $+ 39991725 z^{52} + 230813760 z^{51} + 1178105598 z^{50}$ $+ 5355227520 z^{49} + 21864421935 z^{48} + 80732004480 z^{47}$ $+ 271030701960 z^{46} + 831153581184 z^{45} + 2337633513405 z^{44}$	

$\{[60, 2, 54]\}$	$x^6 + x^3 + x^2 + x + 1$	$+6050354728320 z^{43} + 14453567740650 z^{42}$ $+31950004616640 z^{41} + 65497620381111 z^{40}$ $+124757299863360 z^{39} + 221160561426540 z^{38}$ $+365395843690560 z^{37} + 563318564687625 z^{36}$ $+811178626099392 z^{35} + 1091971494759870 z^{34}$ $+1375075151417600 z^{33} + 1620623822246355 z^{32}$ $+1788274869185280 z^{31} + 1847884497216112 z^{30}$ $+1788274869185280 z^{29} + 1620623822246355 z^{28}$ $+1375075151417600 z^{27} + 1091971494759870 z^{26}$ $+811178626099392 z^{25} + 563318564687625 z^{24}$ $+365395843690560 z^{23} + 221160561426540 z^{22}$ $+124757299863360 z^{21} + 65497620381111 z^{20}$ $+31950004616640 z^{19} + 14453567740650 z^{18}$ $+6050354728320 z^{17} + 2337633513405 z^{16} + 831153581184 z^{15}$ $+271030701960 z^{14} + 80732004480 z^{13} + 21864421935 z^{12}$ $+5355227520 z^{11} + 1178105598 z^{10} + 230813760 z^9$ $+39991725 z^8 + 6056640 z^7 + 777940 z^6 + 85440 z^5 + 7635 z^4$ $+320 z^3 + 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 54]\}$	$x^6 + x^4 + x^3 + x^2 + 1$	$z^{60} + 90 z^{58} + 11475 z^{56} + 61440 z^{55} + 882900 z^{54} + 5713920 z^{53}$ $+40809645 z^{52} + 229539840 z^{51} + 1178566398 z^{50}$ $+5359534080 z^{49} + 21849351215 z^{48} + 80758087680 z^{47}$ $+271014527880 z^{46} + 831109832704 z^{45} + 2337783941565 z^{44}$ $+6050149171200 z^{43} + 14453595849450 z^{42}$ $+31950433320960 z^{41} + 65496813746871 z^{40}$ $+124757804011520 z^{39} + 221161185511020 z^{38}$ $+365394073128960 z^{37} + 563320220379145 z^{36}$ $+811178814799872 z^{35} + 1091968988929470 z^{34}$ $+1375078240092160 z^{33} + 1620622837009875 z^{32}$ $+1788272650076160 z^{31} + 1847888235706992 z^{30}$ $+1788272650076160 z^{29} + 1620622837009875 z^{28}$ $+1375078240092160 z^{27} + 1091968988929470 z^{26}$	$\{[30, \sqrt{15}]\}$

		$+811178814799872 z^{25} + 563320220379145 z^{24}$ $+365394073128960 z^{23} + 221161185511020 z^{22}$ $+124757804011520 z^{21} + 65496813746871 z^{20}$ $+31950433320960 z^{19} + 14453595849450 z^{18}$ $+6050149171200 z^{17} + 2337783941565 z^{16} + 831109832704 z^{15}$ $+271014527880 z^{14} + 80758087680 z^{13} + 21849351215 z^{12}$ $+5359534080 z^{11} + 1178566398 z^{10} + 229539840 z^9$ $+40809645 z^8 + 5713920 z^7 + 882900 z^6 + 61440 z^5 + 11475 z^4$ $+90 z^2 + 1$	
$\{[60, 2, 54]\}$	$x^6 + x^4 + x^3 + x^2 + x + 1$	$z^{60} + 30 z^{58} + 15555 z^{56} + 1561980 z^{54} + 79971165 z^{52}$ $+2356002090 z^{50} + 43730170575 z^{48} + 542058773400 z^{46}$ $+4675262975325 z^{44} + 28907171724750 z^{42}$ $+130995144011655 z^{40} + 442321250962500 z^{38}$ $+1126637112080025 z^{36} + 2183942701311210 z^{34}$ $+3241248298146195 z^{32} + 3695768174069072 z^{30}$ $+3241248298146195 z^{28} + 2183942701311210 z^{26}$ $+1126637112080025 z^{24} + 442321250962500 z^{22}$ $+130995144011655 z^{20} + 28907171724750 z^{18}$ $+4675262975325 z^{16} + 542058773400 z^{14} + 43730170575 z^{12}$ $+2356002090 z^{10} + 79971165 z^8 + 1561980 z^6 + 15555 z^4 + 30 z^2$ $+1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 54]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{60} + 30 z^{58} + 15555 z^{56} + 1561980 z^{54} + 79971165 z^{52}$ $+2356002090 z^{50} + 43730170575 z^{48} + 542058773400 z^{46}$ $+4675262975325 z^{44} + 28907171724750 z^{42}$ $+130995144011655 z^{40} + 442321250962500 z^{38}$ $+1126637112080025 z^{36} + 2183942701311210 z^{34}$ $+3241248298146195 z^{32} + 3695768174069072 z^{30}$ $+3241248298146195 z^{28} + 2183942701311210 z^{26}$ $+1126637112080025 z^{24} + 442321250962500 z^{22}$ $+130995144011655 z^{20} + 28907171724750 z^{18}$ $+4675262975325 z^{16} + 542058773400 z^{14} + 43730170575 z^{12}$	$\{[30, \sqrt{15}]\}$

		$+2356002090 z^{10} + 79971165 z^8 + 1561980 z^6 + 15555 z^4 + 30 z^2 + 1$	
$\{[60, 2, 54]\}$	$x^6 + x^5 + x^4 + x^3 + 1$	$z^{60} + 90 z^{58} + 320 z^{57} + 7635 z^{56} + 85440 z^{55} + 777940 z^{54} + 6056640 z^{53}$ $+ 39991725 z^{52} + 230813760 z^{51} + 1178105598 z^{50}$ $+ 5355227520 z^{49} + 21864421935 z^{48} + 80732004480 z^{47}$ $+ 271030701960 z^{46} + 831153581184 z^{45} + 2337633513405 z^{44}$ $+ 6050354728320 z^{43} + 14453567740650 z^{42}$ $+ 31950004616640 z^{41} + 65497620381111 z^{40}$ $+ 124757299863360 z^{39} + 221160561426540 z^{38}$ $+ 365395843690560 z^{37} + 563318564687625 z^{36}$ $+ 811178626099392 z^{35} + 1091971494759870 z^{34}$ $+ 1375075151417600 z^{33} + 1620623822246355 z^{32}$ $+ 1788274869185280 z^{31} + 1847884497216112 z^{30}$ $+ 1788274869185280 z^{29} + 1620623822246355 z^{28}$ $+ 1375075151417600 z^{27} + 1091971494759870 z^{26}$ $+ 811178626099392 z^{25} + 563318564687625 z^{24}$ $+ 365395843690560 z^{23} + 221160561426540 z^{22}$ $+ 124757299863360 z^{21} + 65497620381111 z^{20}$ $+ 31950004616640 z^{19} + 14453567740650 z^{18}$ $+ 6050354728320 z^{17} + 2337633513405 z^{16} + 831153581184 z^{15}$ $+ 271030701960 z^{14} + 80732004480 z^{13} + 21864421935 z^{12}$ $+ 5355227520 z^{11} + 1178105598 z^{10} + 230813760 z^9$ $+ 39991725 z^8 + 6056640 z^7 + 777940 z^6 + 85440 z^5 + 7635 z^4$ $+ 320 z^3 + 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 54]\}$	$x^6 + x^5 + x^4 + x^2 + x + 1$	$13125 z^{56} + 1530000 z^{54} + 80031750 z^{52} + 2356923000 z^{50}$ $+ 43727852275 z^{48} + 542051073600 z^{46} + 4675296727020 z^{44}$ $+ 28907165091440 z^{42} + 130994984964021 z^{40}$ $+ 442321535387280 z^{38} + 1126637138682890 z^{36}$ $+ 2183942046464520 z^{34} + 3241249053968715 z^{32}$ $+ 3695768195201024 z^{30} + 3241247533491240 z^{28}$ $+ 2183943298329120 z^{26} + 1126637182129495 z^{24}$	$\{[30, \sqrt{15}]\}$

		$+442320882168240 z^{22} + 130995349017018 z^{20}$ $+28907163840520 z^{18} + 4675230238785 z^{16} + 542067748800 z^{14}$ $+43731910700 z^{12} + 2355174000 z^{10} + 79913775 z^8 + 1591600 z^6$ $+17910 z^4 + 120 z^2 + 1$	
$\{[60, 2, 54]\}$	$x^6 + x^5 + x^3 + x + 1$	$z^{60} + 120 z^{58} + 500 z^{57} + 8535 z^{56} + 85500 z^{55} + 766600 z^{54}$ $+6036300 z^{53} + 40025025 z^{52} + 230969700 z^{51} + 1178229000 z^{50}$ $+5354732760 z^{49} + 21863221575 z^{48} + 80732312520 z^{47}$ $+271034374800 z^{46} + 831156858504 z^{45} + 2337630094485 z^{44}$ $+6050341076760 z^{43} + 14453554960920 z^{42}$ $+31950031187580 z^{41} + 65497678632003 z^{40}$ $+124757276015700 z^{39} + 221160441698040 z^{38}$ $+365395831721700 z^{37} + 563318711340645 z^{36}$ $+811178691972012 z^{35} + 1091971398102120 z^{34}$ $+1375075064362640 z^{33} + 1620623823254115 z^{32}$ $+1788274910038320 z^{31} + 1847884545325024 z^{30}$ $+1788274910038320 z^{29} + 1620623823254115 z^{28}$ $+1375075064362640 z^{27} + 1091971398102120 z^{26}$ $+811178691972012 z^{25} + 563318711340645 z^{24}$ $+365395831721700 z^{23} + 221160441698040 z^{22}$ $+124757276015700 z^{21} + 65497678632003 z^{20}$ $+31950031187580 z^{19} + 14453554960920 z^{18}$ $+6050341076760 z^{17} + 2337630094485 z^{16} + 831156858504 z^{15}$ $+271034374800 z^{14} + 80732312520 z^{13} + 21863221575 z^{12}$ $+5354732760 z^{11} + 1178229000 z^{10} + 230969700 z^9$ $+40025025 z^8 + 6036300 z^7 + 766600 z^6 + 85500 z^5 + 8535 z^4$ $+500 z^3 + 120 z^2 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 150 z^{58} + 23235 z^{56} + 1764460 z^{54} + 81630045 z^{52}$ $+2357049810 z^{50} + 43699084495 z^{48} + 542027998200 z^{46}$ $+4675569799005 z^{44} + 28907188149510 z^{42}$ $+130993640098695 z^{40} + 442322323393620 z^{38}$ $+1126640572009625 z^{36} + 2183937716045970 z^{34}$	

$\{[60, 2, 54]\}$	x^6+x^5+x+1	$+3241246064725395 z^{32}+3695776025937552 z^{30}$ $+3241246064725395 z^{28}+2183937716045970 z^{26}$ $+1126640572009625 z^{24}+442322323393620 z^{22}$ $+130993640098695 z^{20}+28907188149510 z^{18}$ $+4675569799005 z^{16}+542027998200 z^{14}+43699084495 z^{12}$ $+2357049810 z^{10}+81630045 z^8+1764460 z^6+23235 z^4+150 z^2$ $+1$	$\{[30, \sqrt{15}]\}$
$\{[62, 2, 56]\}$	x^6+x^2+x+1	$z^{62}+31 z^{60}+17825 z^{58}+1917567 z^{56}+105681945 z^{54}$ $+3359855175 z^{52}+67505222265 z^{50}+908716863975 z^{48}$ $+8541955350645 z^{46}+57783782402475 z^{44}$ $+287702467354005 z^{42}+1072345479497355 z^{40}$ $+3030541670663325 z^{38}+6555294653233347 z^{36}$ $+10925491167294845 z^{34}+14090116153609187 z^{32}$ $+14090116153609187 z^{30}+10925491167294845 z^{28}$ $+6555294653233347 z^{26}+3030541670663325 z^{24}$ $+1072345479497355 z^{22}+287702467354005 z^{20}$ $+57783782402475 z^{18}+8541955350645 z^{16}+908716863975 z^{14}$ $+67505222265 z^{12}+3359855175 z^{10}+105681945 z^8$ $+1917567 z^6+17825 z^4+31 z^2+1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 56]\}$	$x^6+x^3+x^2+1$	$z^{62}+31 z^{60}+17825 z^{58}+1917567 z^{56}+105681945 z^{54}$ $+3359855175 z^{52}+67505222265 z^{50}+908716863975 z^{48}$ $+8541955350645 z^{46}+57783782402475 z^{44}$ $+287702467354005 z^{42}+1072345479497355 z^{40}$ $+3030541670663325 z^{38}+6555294653233347 z^{36}$ $+10925491167294845 z^{34}+14090116153609187 z^{32}$ $+14090116153609187 z^{30}+10925491167294845 z^{28}$ $+6555294653233347 z^{26}+3030541670663325 z^{24}$ $+1072345479497355 z^{22}+287702467354005 z^{20}$ $+57783782402475 z^{18}+8541955350645 z^{16}+908716863975 z^{14}$ $+67505222265 z^{12}+3359855175 z^{10}+105681945 z^8$ $+1917567 z^6+17825 z^4+31 z^2+1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$

$\{[62, 2, 56]\}$	$x^6 + x^4 + x^3 + 1$	$ \begin{aligned} & z^{62} + 31 z^{60} + 17825 z^{58} + 1917567 z^{56} + 105681945 z^{54} \\ & + 3359855175 z^{52} + 67505222265 z^{50} + 908716863975 z^{48} \\ & + 8541955350645 z^{46} + 57783782402475 z^{44} \\ & + 287702467354005 z^{42} + 1072345479497355 z^{40} \\ & + 3030541670663325 z^{38} + 6555294653233347 z^{36} \\ & + 10925491167294845 z^{34} + 14090116153609187 z^{32} \\ & + 14090116153609187 z^{30} + 10925491167294845 z^{28} \\ & + 6555294653233347 z^{26} + 3030541670663325 z^{24} \\ & + 1072345479497355 z^{22} + 287702467354005 z^{20} \\ & + 57783782402475 z^{18} + 8541955350645 z^{16} + 908716863975 z^{14} \\ & + 67505222265 z^{12} + 3359855175 z^{10} + 105681945 z^8 \\ & + 1917567 z^6 + 17825 z^4 + 31 z^2 + 1 \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 56]\}$	$x^6 + x^5 + x^4 + x^3 + x + 1$	$ \begin{aligned} & z^{62} + 31 z^{60} + 17825 z^{58} + 1917567 z^{56} + 105681945 z^{54} \\ & + 3359855175 z^{52} + 67505222265 z^{50} + 908716863975 z^{48} \\ & + 8541955350645 z^{46} + 57783782402475 z^{44} \\ & + 287702467354005 z^{42} + 1072345479497355 z^{40} \\ & + 3030541670663325 z^{38} + 6555294653233347 z^{36} \\ & + 10925491167294845 z^{34} + 14090116153609187 z^{32} \\ & + 14090116153609187 z^{30} + 10925491167294845 z^{28} \\ & + 6555294653233347 z^{26} + 3030541670663325 z^{24} \\ & + 1072345479497355 z^{22} + 287702467354005 z^{20} \\ & + 57783782402475 z^{18} + 8541955350645 z^{16} + 908716863975 z^{14} \\ & + 67505222265 z^{12} + 3359855175 z^{10} + 105681945 z^8 \\ & + 1917567 z^6 + 17825 z^4 + 31 z^2 + 1 \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[62, 2, 56]\}$	$x^6 + x^5 + x^4 + 1$	$ \begin{aligned} & z^{62} + 31 z^{60} + 17825 z^{58} + 1917567 z^{56} + 105681945 z^{54} \\ & + 3359855175 z^{52} + 67505222265 z^{50} + 908716863975 z^{48} \\ & + 8541955350645 z^{46} + 57783782402475 z^{44} \\ & + 287702467354005 z^{42} + 1072345479497355 z^{40} \\ & + 3030541670663325 z^{38} + 6555294653233347 z^{36} \\ & + 10925491167294845 z^{34} + 14090116153609187 z^{32} \\ & + 14090116153609187 z^{30} + 10925491167294845 z^{28} \end{aligned} $	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$

		$+6555294653233347 z^{26} + 3030541670663325 z^{24}$ $+1072345479497355 z^{22} + 287702467354005 z^{20}$ $+57783782402475 z^{18} + 8541955350645 z^{16} + 908716863975 z^{14}$ $+67505222265 z^{12} + 3359855175 z^{10} + 105681945 z^8$ $+1917567 z^6 + 17825 z^4 + 31 z^2 + 1$	
$\{[62, 2, 56]\}$	$x^6 + x^5 + x^3 + x^2 + x + 1$	$z^{62} + 31 z^{60} + 17825 z^{58} + 1917567 z^{56} + 105681945 z^{54}$ $+ 3359855175 z^{52} + 67505222265 z^{50} + 908716863975 z^{48}$ $+ 8541955350645 z^{46} + 57783782402475 z^{44}$ $+ 287702467354005 z^{42} + 1072345479497355 z^{40}$ $+ 3030541670663325 z^{38} + 6555294653233347 z^{36}$ $+ 10925491167294845 z^{34} + 14090116153609187 z^{32}$ $+ 14090116153609187 z^{30} + 10925491167294845 z^{28}$ $+ 6555294653233347 z^{26} + 3030541670663325 z^{24}$ $+ 1072345479497355 z^{22} + 287702467354005 z^{20}$ $+ 57783782402475 z^{18} + 8541955350645 z^{16} + 908716863975 z^{14}$ $+ 67505222265 z^{12} + 3359855175 z^{10} + 105681945 z^8$ $+ 1917567 z^6 + 17825 z^4 + 31 z^2 + 1$	$\left\{ \left[31, \frac{\sqrt{62}}{2} \right] \right\}$
$\{[63, 2, 57]\}$	$x^6 + x + 1$	$z^{63} + 651 z^{60} + 9765 z^{59} + 109368 z^{58} + 1057224 z^{57} + 8649279 z^{56}$ $+ 60544953 z^{55} + 369776680 z^{54} + 1996794072 z^{53}$ $+ 9621890019 z^{52} + 41694856749 z^{51} + 163568562192 z^{50}$ $+ 584173436400 z^{49} + 1908310936455 z^{48} + 5724932809365 z^{47}$ $+ 15827726179440 z^{46} + 40448633569680 z^{45}$ $+ 95799462143175 z^{44} + 210758816714985 z^{43}$ $+ 431553634502760 z^{42} + 823875120414360 z^{41}$ $+ 1468647185710635 z^{40} + 2447745309517725 z^{39}$ $+ 3818482327223928 z^{38} + 5580858785942664 z^{37}$ $+ 7647844002734159 z^{36} + 9832942289229633 z^{35}$ $+ 11867343566087520 z^{34} + 13449656041565856 z^{33}$ $+ 14317376396958243 z^{32} + 14317376396958243 z^{31}$ $+ 13449656041565856 z^{30} + 11867343566087520 z^{29}$ $+ 9832942289229633 z^{28} + 7647844002734159 z^{27}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+5580858785942664 z^{26} + 3818482327223928 z^{25}$ $+2447745309517725 z^{24} + 1468647185710635 z^{23}$ $+823875120414360 z^{22} + 431553634502760 z^{21}$ $+210758816714985 z^{20} + 95799462143175 z^{19}$ $+40448633569680 z^{18} + 15827726179440 z^{17}$ $+5724932809365 z^{16} + 1908310936455 z^{15} + 584173436400 z^{14}$ $+163568562192 z^{13} + 41694856749 z^{12} + 9621890019 z^{11}$ $+1996794072 z^{10} + 369776680 z^9 + 60544953 z^8 + 8649279 z^7$ $+1057224 z^6 + 109368 z^5 + 9765 z^4 + 651 z^3 + 1$	
$\{[63, 2, 57]\}$	$x^6 + x^3 + 1$	$z^{63} + 189 z^{61} + 1029 z^{60} + 16191 z^{59} + 145089 z^{58} + 1183854 z^{57}$ $+9054171 z^{56} + 61272981 z^{55} + 370134142 z^{54} + 1995025347 z^{53}$ $+9612110529 z^{52} + 41672850219 z^{51} + 163560337479 z^{50}$ $+584224295004 z^{49} + 1908429786207 z^{48} + 5725085802093 z^{47}$ $+15827722330140 z^{46} + 40448112965085 z^{45}$ $+95798594075121 z^{44} + 210758576241843 z^{43}$ $+431554784792337 z^{42} + 823877562182850 z^{41}$ $+1468649143240335 z^{40} + 2447743326924609 z^{39}$ $+3818476448872722 z^{38} + 5580854965314027 z^{37}$ $+7647846397230221 z^{36} + 9832949395809183 z^{35}$ $+11867351018513823 z^{34} + 13449656387089608 z^{33}$ $+14317366580331507 z^{32} + 14317366580331507 z^{31}$ $+13449656387089608 z^{30} + 11867351018513823 z^{29}$ $+9832949395809183 z^{28} + 7647846397230221 z^{27}$ $+5580854965314027 z^{26} + 3818476448872722 z^{25}$ $+2447743326924609 z^{24} + 1468649143240335 z^{23}$ $+823877562182850 z^{22} + 431554784792337 z^{21}$ $+210758576241843 z^{20} + 95798594075121 z^{19}$ $+40448112965085 z^{18} + 15827722330140 z^{17}$ $+5725085802093 z^{16} + 1908429786207 z^{15} + 584224295004 z^{14}$ $+163560337479 z^{13} + 41672850219 z^{12} + 9612110529 z^{11}$ $+1995025347 z^{10} + 370134142 z^9 + 61272981 z^8 + 9054171 z^7$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+1183854 z^6 + 145089 z^5 + 16191 z^4 + 1029 z^3 + 189 z^2 + 1$	
$\{[63, 2, 57]\}$	$x^6 + x^4 + x^2 + x + 1$	$z^{63} + 63 z^{61} + 756 z^{60} + 8694 z^{59} + 107919 z^{58} + 1065582 z^{57}$ $+ 8654697 z^{56} + 60504003 z^{55} + 369809902 z^{54} + 1996949493 z^{53}$ $+ 9621392382 z^{52} + 41694285360 z^{51} + 163571562693 z^{50}$ $+ 584175642156 z^{49} + 1908299283051 z^{48} + 5724924932601 z^{47}$ $+ 15827758584876 z^{46} + 40448656559031 z^{45}$ $+ 95799395502216 z^{44} + 210758764737906 z^{43}$ $+ 431553734636871 z^{42} + 823875208620786 z^{41}$ $+ 1468647085518081 z^{40} + 2447745204147411 z^{39}$ $+ 3818482363730034 z^{38} + 5580858853971765 z^{37}$ $+ 7647844084987610 z^{36} + 9832942323395604 z^{35}$ $+ 11867343370920261 z^{34} + 13449655883060712 z^{33}$ $+ 14317376625355419 z^{32} + 14317376625355419 z^{31}$ $+ 13449655883060712 z^{30} + 11867343370920261 z^{29}$ $+ 9832942323395604 z^{28} + 7647844084987610 z^{27}$ $+ 5580858853971765 z^{26} + 3818482363730034 z^{25}$ $+ 2447745204147411 z^{24} + 1468647085518081 z^{23}$ $+ 823875208620786 z^{22} + 431553734636871 z^{21}$ $+ 210758764737906 z^{20} + 95799395502216 z^{19}$ $+ 40448656559031 z^{18} + 15827758584876 z^{17}$ $+ 5724924932601 z^{16} + 1908299283051 z^{15} + 584175642156 z^{14}$ $+ 163571562693 z^{13} + 41694285360 z^{12} + 9621392382 z^{11}$ $+ 1996949493 z^{10} + 369809902 z^9 + 60504003 z^8 + 8654697 z^7$ $+ 1065582 z^6 + 107919 z^5 + 8694 z^4 + 756 z^3 + 63 z^2 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 57]\}$	$x^6 + x^4 + x + 1$	$1134 z^{60} + 220563 z^{58} + 17287641 z^{56} + 739631130 z^{54}$ $+ 19243184688 z^{52} + 327140489277 z^{50} + 3816608614203 z^{48}$ $+ 31655490060852 z^{46} + 191598843501450 z^{44}$ $+ 863107406744883 z^{42} + 2937294166937697 z^{40}$ $+ 7636964953351734 z^{38} + 15295687550216500 z^{36}$ $+ 23734687801663125 z^{34} + 28634751938790459 z^{32}$ $+ 26899312975937304 z^{30} + 19665883835383554 z^{28}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+11161718061531345 z^{26} + 4895490359707395 z^{24}$ $+1647750359527398 z^{22} + 421517578075272 z^{20}$ $+80897296319343 z^{18} + 11449850537097 z^{16}$ $+1168353201780 z^{14} + 83387768646 z^{12} + 3993999849 z^{10}$ $+121032387 z^8 + 2120202 z^6 + 18900 z^4 + 63 z^2 + 1$	
$\{[63, 2, 57]\}$	$x^6 + x^4 + x^3 + x + 1$	$z^{63} + 651 z^{60} + 9765 z^{59} + 109368 z^{58} + 1057224 z^{57} + 8649279 z^{56}$ $+ 60544953 z^{55} + 369776680 z^{54} + 1996794072 z^{53}$ $+ 9621890019 z^{52} + 41694856749 z^{51} + 163568562192 z^{50}$ $+ 584173436400 z^{49} + 1908310936455 z^{48} + 5724932809365 z^{47}$ $+ 15827726179440 z^{46} + 40448633569680 z^{45}$ $+ 95799462143175 z^{44} + 210758816714985 z^{43}$ $+ 431553634502760 z^{42} + 823875120414360 z^{41}$ $+ 1468647185710635 z^{40} + 2447745309517725 z^{39}$ $+ 3818482327223928 z^{38} + 5580858785942664 z^{37}$ $+ 7647844002734159 z^{36} + 9832942289229633 z^{35}$ $+ 11867343566087520 z^{34} + 13449656041565856 z^{33}$ $+ 14317376396958243 z^{32} + 14317376396958243 z^{31}$ $+ 13449656041565856 z^{30} + 11867343566087520 z^{29}$ $+ 9832942289229633 z^{28} + 7647844002734159 z^{27}$ $+ 5580858785942664 z^{26} + 3818482327223928 z^{25}$ $+ 2447745309517725 z^{24} + 1468647185710635 z^{23}$ $+ 823875120414360 z^{22} + 431553634502760 z^{21}$ $+ 210758816714985 z^{20} + 95799462143175 z^{19}$ $+ 40448633569680 z^{18} + 15827726179440 z^{17}$ $+ 5724932809365 z^{16} + 1908310936455 z^{15} + 584173436400 z^{14}$ $+ 163568562192 z^{13} + 41694856749 z^{12} + 9621890019 z^{11}$ $+ 1996794072 z^{10} + 369776680 z^9 + 60544953 z^8 + 8649279 z^7$ $+ 1057224 z^6 + 109368 z^5 + 9765 z^4 + 651 z^3 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{63} + 252 z^{61} + 28098 z^{59} + 1824060 z^{57} + 4782969 z^{56} + 76393107 z^{55}$ $+ 312487308 z^{54} + 2164701672 z^{53} + 9218375586 z^{52}$ $+ 42479731476 z^{51} + 162488440044 z^{50} + 584791685640 z^{49}$	

$\{[63, 2, 57]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+1909984014603 z^{48} + 5718178660761 z^{47} \\ &+15840861236424 z^{46} + 40433821094772 z^{45} \\ &+95803272833940 z^{44} + 210783395785662 z^{43} \\ &+431491809334824 z^{42} + 823952479181076 z^{41} \\ &+1468609370904753 z^{40} + 2447686524697155 z^{39} \\ &+3818650565630628 z^{38} + 5580654138316656 z^{37} \\ &+7647943703168286 z^{36} + 9833050212619032 z^{35} \\ &+11867056128569124 z^{34} + 13449967322243760 z^{33} \\ &+14317240731186267 z^{32} + 14317240731186267 z^{31} \\ &+13449967322243760 z^{30} + 11867056128569124 z^{29} \\ &+9833050212619032 z^{28} + 7647943703168286 z^{27} \\ &+5580654138316656 z^{26} + 3818650565630628 z^{25} \\ &+2447686524697155 z^{24} + 1468609370904753 z^{23} \\ &+823952479181076 z^{22} + 431491809334824 z^{21} \\ &+210783395785662 z^{20} + 95803272833940 z^{19} \\ &+40433821094772 z^{18} + 15840861236424 z^{17} \\ &+5718178660761 z^{16} + 1909984014603 z^{15} + 584791685640 z^{14} \\ &+162488440044 z^{13} + 42479731476 z^{12} + 9218375586 z^{11} \\ &+2164701672 z^{10} + 312487308 z^9 + 76393107 z^8 + 4782969 z^7 \\ &+1824060 z^6 + 28098 z^4 + 252 z^2 + 1 \end{aligned} $	$ \left[\left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right] $
		$ \begin{aligned} &z^{63} + 63 z^{61} + 756 z^{60} + 8694 z^{59} + 107919 z^{58} + 1065582 z^{57} \\ &+ 8654697 z^{56} + 60504003 z^{55} + 369809902 z^{54} + 1996949493 z^{53} \\ &+ 9621392382 z^{52} + 41694285360 z^{51} + 163571562693 z^{50} \\ &+ 584175642156 z^{49} + 1908299283051 z^{48} + 5724924932601 z^{47} \\ &+ 15827758584876 z^{46} + 40448656559031 z^{45} \\ &+ 95799395502216 z^{44} + 210758764737906 z^{43} \\ &+ 431553734636871 z^{42} + 823875208620786 z^{41} \\ &+ 1468647085518081 z^{40} + 2447745204147411 z^{39} \\ &+ 3818482363730034 z^{38} + 5580858853971765 z^{37} \\ &+ 7647844084987610 z^{36} + 9832942323395604 z^{35} \\ &+ 11867343370920261 z^{34} + 13449655883060712 z^{33} \end{aligned} $	

$\{[63, 2, 57]\}$	$x^6 + x^5 + x^4 + x^2 + 1$	$+14317376625355419 z^{32} + 14317376625355419 z^{31}$ $+13449655883060712 z^{30} + 11867343370920261 z^{29}$ $+9832942323395604 z^{28} + 7647844084987610 z^{27}$ $+5580858853971765 z^{26} + 3818482363730034 z^{25}$ $+2447745204147411 z^{24} + 1468647085518081 z^{23}$ $+823875208620786 z^{22} + 431553734636871 z^{21}$ $+210758764737906 z^{20} + 95799395502216 z^{19}$ $+40448656559031 z^{18} + 15827758584876 z^{17}$ $+5724924932601 z^{16} + 1908299283051 z^{15} + 584175642156 z^{14}$ $+163571562693 z^{13} + 41694285360 z^{12} + 9621392382 z^{11}$ $+1996949493 z^{10} + 369809902 z^9 + 60504003 z^8 + 8654697 z^7$ $+1065582 z^6 + 107919 z^5 + 8694 z^4 + 756 z^3 + 63 z^2 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 57]\}$	$x^6 + x^5 + x^4 + x + 1$	$z^{63} + 651 z^{60} + 9765 z^{59} + 109368 z^{58} + 1057224 z^{57} + 8649279 z^{56}$ $+60544953 z^{55} + 369776680 z^{54} + 1996794072 z^{53}$ $+9621890019 z^{52} + 41694856749 z^{51} + 163568562192 z^{50}$ $+584173436400 z^{49} + 1908310936455 z^{48} + 5724932809365 z^{47}$ $+15827726179440 z^{46} + 40448633569680 z^{45}$ $+95799462143175 z^{44} + 210758816714985 z^{43}$ $+431553634502760 z^{42} + 823875120414360 z^{41}$ $+1468647185710635 z^{40} + 2447745309517725 z^{39}$ $+3818482327223928 z^{38} + 5580858785942664 z^{37}$ $+7647844002734159 z^{36} + 9832942289229633 z^{35}$ $+11867343566087520 z^{34} + 13449656041565856 z^{33}$ $+14317376396958243 z^{32} + 14317376396958243 z^{31}$ $+13449656041565856 z^{30} + 11867343566087520 z^{29}$ $+9832942289229633 z^{28} + 7647844002734159 z^{27}$ $+5580858785942664 z^{26} + 3818482327223928 z^{25}$ $+2447745309517725 z^{24} + 1468647185710635 z^{23}$ $+823875120414360 z^{22} + 431553634502760 z^{21}$ $+210758816714985 z^{20} + 95799462143175 z^{19}$ $+40448633569680 z^{18} + 15827726179440 z^{17}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+5724932809365 z^{16} + 1908310936455 z^{15} + 584173436400 z^{14}$ $+163568562192 z^{13} + 41694856749 z^{12} + 9621890019 z^{11}$ $+1996794072 z^{10} + 369776680 z^9 + 60544953 z^8 + 8649279 z^7$ $+1057224 z^6 + 109368 z^5 + 9765 z^4 + 651 z^3 + 1$	
$\{[63, 2, 57]\}$	$x^6 + x^5 + x^3 + x^2 + 1$	$z^{63} + 651 z^{60} + 9765 z^{59} + 109368 z^{58} + 1057224 z^{57} + 8649279 z^{56}$ $+ 60544953 z^{55} + 369776680 z^{54} + 1996794072 z^{53}$ $+ 9621890019 z^{52} + 41694856749 z^{51} + 163568562192 z^{50}$ $+ 584173436400 z^{49} + 1908310936455 z^{48} + 5724932809365 z^{47}$ $+ 15827726179440 z^{46} + 40448633569680 z^{45}$ $+ 95799462143175 z^{44} + 210758816714985 z^{43}$ $+ 431553634502760 z^{42} + 823875120414360 z^{41}$ $+ 1468647185710635 z^{40} + 2447745309517725 z^{39}$ $+ 3818482327223928 z^{38} + 5580858785942664 z^{37}$ $+ 7647844002734159 z^{36} + 9832942289229633 z^{35}$ $+ 11867343566087520 z^{34} + 13449656041565856 z^{33}$ $+ 14317376396958243 z^{32} + 14317376396958243 z^{31}$ $+ 13449656041565856 z^{30} + 11867343566087520 z^{29}$ $+ 9832942289229633 z^{28} + 7647844002734159 z^{27}$ $+ 5580858785942664 z^{26} + 3818482327223928 z^{25}$ $+ 2447745309517725 z^{24} + 1468647185710635 z^{23}$ $+ 823875120414360 z^{22} + 431553634502760 z^{21}$ $+ 210758816714985 z^{20} + 95799462143175 z^{19}$ $+ 40448633569680 z^{18} + 15827726179440 z^{17}$ $+ 5724932809365 z^{16} + 1908310936455 z^{15} + 584173436400 z^{14}$ $+ 163568562192 z^{13} + 41694856749 z^{12} + 9621890019 z^{11}$ $+ 1996794072 z^{10} + 369776680 z^9 + 60544953 z^8 + 8649279 z^7$ $+ 1057224 z^6 + 109368 z^5 + 9765 z^4 + 651 z^3 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{63} + 651 z^{60} + 9765 z^{59} + 109368 z^{58} + 1057224 z^{57} + 8649279 z^{56}$ $+ 60544953 z^{55} + 369776680 z^{54} + 1996794072 z^{53}$ $+ 9621890019 z^{52} + 41694856749 z^{51} + 163568562192 z^{50}$ $+ 584173436400 z^{49} + 1908310936455 z^{48} + 5724932809365 z^{47}$	

{[63, 2, 57]}	$x^6 + x^5 + x^2 + x + 1$	$ \begin{aligned} &+15827726179440 z^{46} + 40448633569680 z^{45} \\ &+95799462143175 z^{44} + 210758816714985 z^{43} \\ &+431553634502760 z^{42} + 823875120414360 z^{41} \\ &+1468647185710635 z^{40} + 2447745309517725 z^{39} \\ &+3818482327223928 z^{38} + 5580858785942664 z^{37} \\ &+7647844002734159 z^{36} + 9832942289229633 z^{35} \\ &+11867343566087520 z^{34} + 13449656041565856 z^{33} \\ &+14317376396958243 z^{32} + 14317376396958243 z^{31} \\ &+13449656041565856 z^{30} + 11867343566087520 z^{29} \\ &+9832942289229633 z^{28} + 7647844002734159 z^{27} \\ &+5580858785942664 z^{26} + 3818482327223928 z^{25} \\ &+2447745309517725 z^{24} + 1468647185710635 z^{23} \\ &+823875120414360 z^{22} + 431553634502760 z^{21} \\ &+210758816714985 z^{20} + 95799462143175 z^{19} \\ &+40448633569680 z^{18} + 15827726179440 z^{17} \\ &+5724932809365 z^{16} + 1908310936455 z^{15} + 584173436400 z^{14} \\ &+163568562192 z^{13} + 41694856749 z^{12} + 9621890019 z^{11} \\ &+1996794072 z^{10} + 369776680 z^9 + 60544953 z^8 + 8649279 z^7 \\ &+1057224 z^6 + 109368 z^5 + 9765 z^4 + 651 z^3 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
{[63, 2, 57]}	$x^6 + x^5 + x^2 + 1$	$ \begin{aligned} &1134 z^{60} + 220563 z^{58} + 17287641 z^{56} + 739631130 z^{54} \\ &+19243184688 z^{52} + 327140489277 z^{50} + 3816608614203 z^{48} \\ &+31655490060852 z^{46} + 191598843501450 z^{44} \\ &+863107406744883 z^{42} + 2937294166937697 z^{40} \\ &+7636964953351734 z^{38} + 15295687550216500 z^{36} \\ &+23734687801663125 z^{34} + 28634751938790459 z^{32} \\ &+26899312975937304 z^{30} + 19665883835383554 z^{28} \\ &+11161718061531345 z^{26} + 4895490359707395 z^{24} \\ &+1647750359527398 z^{22} + 421517578075272 z^{20} \\ &+80897296319343 z^{18} + 11449850537097 z^{16} \\ &+1168353201780 z^{14} + 83387768646 z^{12} + 3993999849 z^{10} \\ &+121032387 z^8 + 2120202 z^6 + 18900 z^4 + 63 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

$\{[63, 2, 57]\}$	$x^6 + x^5 + 1$	$ \begin{aligned} & z^{63} + 651 z^{60} + 9765 z^{59} + 109368 z^{58} + 1057224 z^{57} + 8649279 z^{56} \\ & + 60544953 z^{55} + 369776680 z^{54} + 1996794072 z^{53} \\ & + 9621890019 z^{52} + 41694856749 z^{51} + 163568562192 z^{50} \\ & + 584173436400 z^{49} + 1908310936455 z^{48} + 5724932809365 z^{47} \\ & + 15827726179440 z^{46} + 40448633569680 z^{45} \\ & + 95799462143175 z^{44} + 210758816714985 z^{43} \\ & + 431553634502760 z^{42} + 823875120414360 z^{41} \\ & + 1468647185710635 z^{40} + 2447745309517725 z^{39} \\ & + 3818482327223928 z^{38} + 5580858785942664 z^{37} \\ & + 7647844002734159 z^{36} + 9832942289229633 z^{35} \\ & + 11867343566087520 z^{34} + 13449656041565856 z^{33} \\ & + 14317376396958243 z^{32} + 14317376396958243 z^{31} \\ & + 13449656041565856 z^{30} + 11867343566087520 z^{29} \\ & + 9832942289229633 z^{28} + 7647844002734159 z^{27} \\ & + 5580858785942664 z^{26} + 3818482327223928 z^{25} \\ & + 2447745309517725 z^{24} + 1468647185710635 z^{23} \\ & + 823875120414360 z^{22} + 431553634502760 z^{21} \\ & + 210758816714985 z^{20} + 95799462143175 z^{19} \\ & + 40448633569680 z^{18} + 15827726179440 z^{17} \\ & + 5724932809365 z^{16} + 1908310936455 z^{15} + 584173436400 z^{14} \\ & + 163568562192 z^{13} + 41694856749 z^{12} + 9621890019 z^{11} \\ & + 1996794072 z^{10} + 369776680 z^9 + 60544953 z^8 + 8649279 z^7 \\ & + 1057224 z^6 + 109368 z^5 + 9765 z^4 + 651 z^3 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[64, 2, 58]\}$	$x^6 + x^4 + x^2 + 1$	$ \begin{aligned} & z^{64} + 224 z^{62} + 30704 z^{60} + 2486176 z^{58} + 138360952 z^{56} \\ & + 4728064608 z^{54} + 102636602832 z^{52} + 1495565923104 z^{50} \\ & + 15266283190044 z^{48} + 112552496521056 z^{46} \\ & + 613118075094768 z^{44} + 2510856078001440 z^{42} \\ & + 7832781763864392 z^{40} + 18798691274119392 z^{38} \\ & + 34961566435556176 z^{36} + 50633992819070112 z^{34} \\ & + 57269519557939782 z^{32} + 50633992819070112 z^{30} \\ & + 34961566435556176 z^{28} + 18798691274119392 z^{26} \end{aligned} $	$\{[32, 4]\}$

		$+7832781763864392 z^{24} + 2510856078001440 z^{22}$ $+613118075094768 z^{20} + 112552496521056 z^{18}$ $+15266283190044 z^{16} + 1495565923104 z^{14} + 102636602832 z^{12}$ $+4728064608 z^{10} + 138360952 z^8 + 2486176 z^6 + 30704 z^4$ $+224 z^2 + 1$	
$\{[66, 2, 60]\}$	$x^6 + 1$	$1771561 z^{60} + 159440490 z^{58} + 6425451747 z^{56} + 153381751380 z^{54}$ $+2420598945765 z^{52} + 26739765544206 z^{50}$ $+214024456182735 z^{48} + 1270609152401160 z^{46}$ $+5693246326416165 z^{44} + 19513926175548090 z^{42}$ $+51696269848149927 z^{40} + 106674649596260460 z^{38}$ $+172397037438673729 z^{36} + 218972125610555790 z^{34}$ $+218971141038517395 z^{32} + 172396398690566512 z^{30}$ $+106675476898802955 z^{28} + 51696488614841070 z^{26}$ $+19513536693436665 z^{24} + 5693200996981740 z^{22}$ $+1270714572714015 z^{20} + 214035091293210 z^{18}$ $+26724050088285 z^{16} + 2417765493000 z^{14} + 154291544935 z^{12}$ $+6762000366 z^{10} + 199551165 z^8 + 3874772 z^6 + 47355 z^4$ $+330 z^2 + 1$	$\left\{ \left[33, \frac{\sqrt{66}}{2} \right] \right\}$
		$z^{70} + 140 z^{68} + 1750 z^{67} + 17920 z^{66} + 203000 z^{65} + 2083725 z^{64}$ $+18710800 z^{63} + 147165900 z^{62} + 1015396200 z^{61}$ $+6198027500 z^{60} + 33811994160 z^{59} + 166242274100 z^{58}$ $+741668986520 z^{57} + 3019572816900 z^{56} + 11273042681264 z^{55}$ $+38751324613680 z^{54} + 123092838389640 z^{53}$ $+362439991736060 z^{52} + 991940283476520 z^{51}$ $+2529446571303764 z^{50} + 6022491114527000 z^{49}$ $+13413732145213400 z^{48} + 27993881149178000 z^{47}$ $+54821352472334700 z^{46} + 100871279430845000 z^{45}$ $+174584895479144220 z^{44} + 284508722142610000 z^{43}$ $+436924125121625540 z^{42} + 632786674951235000 z^{41}$ $+864808452126969924 z^{40} + 1115881855477326000 z^{39}$ $+1359980990109038570 z^{38} + 1566038719604177000 z^{37}$	

$\{[70, 2, 64]\}$	$x^6 + x^2 + 1$	$ \begin{aligned} &+1704218640923021860 z^{36} + 1752910623755300100 z^{35} \\ &+1704218640923021860 z^{34} + 1566038719604177000 z^{33} \\ &+1359980990109038570 z^{32} + 1115881855477326000 z^{31} \\ &+864808452126969924 z^{30} + 632786674951235000 z^{29} \\ &+436924125121625540 z^{28} + 284508722142610000 z^{27} \\ &+174584895479144220 z^{26} + 100871279430845000 z^{25} \\ &+54821352472334700 z^{24} + 27993881149178000 z^{23} \\ &+13413732145213400 z^{22} + 6022491114527000 z^{21} \\ &+2529446571303764 z^{20} + 991940283476520 z^{19} \\ &+362439991736060 z^{18} + 123092838389640 z^{17} \\ &+38751324613680 z^{16} + 11273042681264 z^{15} \\ &+3019572816900 z^{14} + 741668986520 z^{13} + 166242274100 z^{12} \\ &+33811994160 z^{11} + 6198027500 z^{10} + 1015396200 z^9 \\ &+147165900 z^8 + 18710800 z^7 + 2083725 z^6 + 203000 z^5 \\ &+17920 z^4 + 1750 z^3 + 140 z^2 + 1 \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
$\{[70, 2, 64]\}$	$x^6 + x^4 + 1$	$ \begin{aligned} &z^{70} + 140 z^{68} + 1750 z^{67} + 17920 z^{66} + 203000 z^{65} + 2083725 z^{64} \\ &+18710800 z^{63} + 147165900 z^{62} + 1015396200 z^{61} \\ &+6198027500 z^{60} + 33811994160 z^{59} + 166242274100 z^{58} \\ &+741668986520 z^{57} + 3019572816900 z^{56} + 11273042681264 z^{55} \\ &+38751324613680 z^{54} + 123092838389640 z^{53} \\ &+362439991736060 z^{52} + 991940283476520 z^{51} \\ &+2529446571303764 z^{50} + 6022491114527000 z^{49} \\ &+13413732145213400 z^{48} + 27993881149178000 z^{47} \\ &+54821352472334700 z^{46} + 100871279430845000 z^{45} \\ &+174584895479144220 z^{44} + 284508722142610000 z^{43} \\ &+436924125121625540 z^{42} + 632786674951235000 z^{41} \\ &+864808452126969924 z^{40} + 1115881855477326000 z^{39} \\ &+1359980990109038570 z^{38} + 1566038719604177000 z^{37} \\ &+1704218640923021860 z^{36} + 1752910623755300100 z^{35} \\ &+1704218640923021860 z^{34} + 1566038719604177000 z^{33} \\ &+1359980990109038570 z^{32} + 1115881855477326000 z^{31} \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$ \begin{aligned} &+864808452126969924 z^{30}+632786674951235000 z^{29} \\ &+436924125121625540 z^{28}+284508722142610000 z^{27} \\ &+174584895479144220 z^{26}+100871279430845000 z^{25} \\ &+54821352472334700 z^{24}+27993881149178000 z^{23} \\ &+13413732145213400 z^{22}+6022491114527000 z^{21} \\ &+2529446571303764 z^{20}+991940283476520 z^{19} \\ &+362439991736060 z^{18}+123092838389640 z^{17} \\ &+38751324613680 z^{16}+11273042681264 z^{15} \\ &+3019572816900 z^{14}+741668986520 z^{13}+166242274100 z^{12} \\ &+33811994160 z^{11}+6198027500 z^{10}+1015396200 z^9 \\ &+147165900 z^8+18710800 z^7+2083725 z^6+203000 z^5 \\ &+17920 z^4+1750 z^3+140 z^2+1 \end{aligned} $	
$\{[70, 2, 64]\}$	$x^6+x^5+x^4+x^3+x^2+x+1$	$ \begin{aligned} &z^{70}+315 z^{68}+43995 z^{66}+3587745 z^{64}+10000000 z^{63} \\ &+189496440 z^{62}+840000000 z^{61}+6809126632 z^{60} \\ &+32004000000 z^{59}+170729513640 z^{58}+732648000000 z^{57} \\ &+3033231057720 z^{56}+11261748400000 z^{55} \\ &+38738627420220 z^{54}+123166512000000 z^{53} \\ &+362273634373140 z^{52}+992173492800000 z^{51} \\ &+2529296925789396 z^{50}+6022279958400000 z^{49} \\ &+13414548952079100 z^{48}+27992553551760000 z^{47} \\ &+54822488338081800 z^{46}+100871511168960000 z^{45} \\ &+174582443280331800 z^{44}+284512867882387200 z^{43} \\ &+436920560003856600 z^{42}+632786672429452800 z^{41} \\ &+864813467874313160 z^{40}+1115873790441361280 z^{39} \\ &+1359987315904592550 z^{38}+1566038637066946560 z^{37} \\ &+1704211673923723650 z^{36}+1752920677345840128 z^{35} \\ &+1704211673923723650 z^{34}+1566038637066946560 z^{33} \\ &+1359987315904592550 z^{32}+1115873790441361280 z^{31} \\ &+864813467874313160 z^{30}+632786672429452800 z^{29} \\ &+436920560003856600 z^{28}+284512867882387200 z^{27} \\ &+174582443280331800 z^{26}+100871511168960000 z^{25} \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$+54822488338081800 z^{24} + 27992553551760000 z^{23}$ $+13414548952079100 z^{22} + 6022279958400000 z^{21}$ $+2529296925789396 z^{20} + 992173492800000 z^{19}$ $+362273634373140 z^{18} + 123166512000000 z^{17}$ $+38738627420220 z^{16} + 11261748400000 z^{15}$ $+3033231057720 z^{14} + 732648000000 z^{13} + 170729513640 z^{12}$ $+32004000000 z^{11} + 6809126632 z^{10} + 840000000 z^9$ $+189496440 z^8 + 10000000 z^7 + 3587745 z^6 + 43995 z^4 + 315 z^2$ $+1$	
$\{[70, 2, 64]\}$	$x^6 + x^5 + x + 1$	$245 z^{68} + 43610 z^{66} + 4689545 z^{64} + 303500680 z^{62} + 12437113024 z^{60}$ $+332371801720 z^{58} + 6038243880800 z^{56} + 77503609555400 z^{54}$ $+724888554632340 z^{52} + 5058883360920480 z^{50}$ $+26827421164061700 z^{48} + 109642773762249000 z^{46}$ $+349169906350895280 z^{44} + 873847945593897400 z^{42}$ $+1729616894958378384 z^{40} + 2719962530219997160 z^{38}$ $+3408436907085962150 z^{36} + 3408436902548394500 z^{34}$ $+2719962534279926110 z^{32} + 1729616891710435224 z^{30}$ $+873847947913856800 z^{28} + 349169904874557480 z^{26}$ $+109642774596700800 z^{24} + 26827420746835800 z^{22}$ $+5058883544499876 z^{20} + 724888484024880 z^{18}$ $+77503633091220 z^{16} + 6038237156280 z^{14} + 332373424880 z^{12}$ $+12436788392 z^{10} + 303553040 z^8 + 4683000 z^6 + 44205 z^4$ $+210 z^2 + 1$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
$\{[72, 2, 66]\}$	$x^6 + 1$	$z^{72} + 396 z^{70} + 68310 z^{68} + 6735564 z^{66} + 419502105 z^{64}$ $+17279124192 z^{62} + 482625017232 z^{60} + 9338426713440 z^{58}$ $+128597756727924 z^{56} + 1294697629962000 z^{54}$ $+9751790958673896 z^{52} + 55976755822129296 z^{50}$ $+248444463527929860 z^{48} + 862296153924823200 z^{46}$ $+2361056895727841520 z^{44} + 5134614218574391584 z^{42}$ $+8913098140669406574 z^{40} + 12392552874865802760 z^{38}$ $+13828527438408506756 z^{36} + 12392552874865802760 z^{34}$	$\{[36, 3\sqrt{2}]\}$

		$+8913098140669406574 z^{32} + 5134614218574391584 z^{30}$ $+2361056895727841520 z^{28} + 862296153924823200 z^{26}$ $+248444463527929860 z^{24} + 55976755822129296 z^{22}$ $+9751790958673896 z^{20} + 1294697629962000 z^{18}$ $+128597756727924 z^{16} + 9338426713440 z^{14}$ $+482625017232 z^{12} + 17279124192 z^{10} + 419502105 z^8$ $+6735564 z^6 + 68310 z^4 + 396 z^2 + 1$	
$\{[72, 2, 66]\}$	$x^6 + x^3 + 1$	$z^{72} + 252 z^{70} + 1536 z^{69} + 28854 z^{68} + 290304 z^{67} + 2771772 z^{66}$ $+24385536 z^{65} + 190599705 z^{64} + 1336371200 z^{63}$ $+8383650912 z^{62} + 47197956096 z^{61} + 239941879440 z^{60}$ $+1107739293696 z^{59} + 4669004155104 z^{58}$ $+18054363273216 z^{57} + 64318897193076 z^{56}$ $+211870924646400 z^{55} + 647376183856720 z^{54}$ $+1839905806417920 z^{53} + 4875754236519528 z^{52}$ $+12073316699123712 z^{51} + 27988180782306768 z^{50}$ $+60843887235495936 z^{49} + 124222879759516164 z^{48}$ $+238507827687622656 z^{47} + 431148704059764000 z^{46}$ $+734549688521910272 z^{45} + 1180526475306895344 z^{44}$ $+1791143842181953536 z^{43} + 2567306156345192352 z^{42}$ $+3478285451372083200 z^{41} + 4456552918971247470 z^{40}$ $+5401882242311079936 z^{39} + 6196276924913208744 z^{38}$ $+6727386830307646464 z^{37} + 6914258933461530820 z^{36}$ $+6727386830307646464 z^{35} + 6196276924913208744 z^{34}$ $+5401882242311079936 z^{33} + 4456552918971247470 z^{32}$ $+3478285451372083200 z^{31} + 2567306156345192352 z^{30}$ $+1791143842181953536 z^{29} + 1180526475306895344 z^{28}$ $+734549688521910272 z^{27} + 431148704059764000 z^{26}$ $+238507827687622656 z^{25} + 124222879759516164 z^{24}$ $+60843887235495936 z^{23} + 27988180782306768 z^{22}$ $+12073316699123712 z^{21} + 4875754236519528 z^{20}$ $+1839905806417920 z^{19} + 647376183856720 z^{18}$	$\{[36, 3 \sqrt{2}]\}$

		$+211870924646400 z^{17} + 64318897193076 z^{16}$ $+18054363273216 z^{15} + 4669004155104 z^{14}$ $+1107739293696 z^{13} + 239941879440 z^{12} + 47197956096 z^{11}$ $+8383650912 z^{10} + 1336371200 z^9 + 190599705 z^8 + 24385536 z^7$ $+2771772 z^6 + 290304 z^5 + 28854 z^4 + 1536 z^3 + 252 z^2 + 1$	
$\{[72, 2, 66]\}$	$x^6 + x^4 + x^2 + 1$	$z^{72} + 288 z^{70} + 50418 z^{68} + 5246880 z^{66} + 375454809 z^{64}$ $+16741911168 z^{62} + 480063147696 z^{60} + 9338604372864 z^{58}$ $+128634567235380 z^{56} + 1294748943337728 z^{54}$ $+9751540191246072 z^{52} + 55976342230029312 z^{50}$ $+248445625189752900 z^{48} + 862297657403301504 z^{46}$ $+2361053067770065104 z^{44} + 5134611538650309504 z^{42}$ $+8913106473857322030 z^{40} + 12392554426836075072 z^{38}$ $+13828516511980489004 z^{36} + 12392554426836075072 z^{34}$ $+8913106473857322030 z^{32} + 5134611538650309504 z^{30}$ $+2361053067770065104 z^{28} + 862297657403301504 z^{26}$ $+248445625189752900 z^{24} + 55976342230029312 z^{22}$ $+9751540191246072 z^{20} + 1294748943337728 z^{18}$ $+128634567235380 z^{16} + 9338604372864 z^{14}$ $+480063147696 z^{12} + 16741911168 z^{10} + 375454809 z^8$ $+5246880 z^6 + 50418 z^4 + 288 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
$\{[72, 2, 66]\}$	$x^6 + x^5 + x^4 + x^2 + x + 1$	$z^{72} + 180 z^{70} + 38358 z^{68} + 5002356 z^{66} + 374486553 z^{64}$ $+16751935008 z^{62} + 480089102736 z^{60} + 9338370049440 z^{58}$ $+128634581711988 z^{56} + 1294751374399216 z^{54}$ $+9751535704181736 z^{52} + 55976335064109936 z^{50}$ $+248445659727001092 z^{48} + 862297627555356768 z^{46}$ $+2361053008638520560 z^{44} + 5134611697971757536 z^{42}$ $+8913106373456451438 z^{40} + 12392554306616941176 z^{38}$ $+13828516762276114308 z^{36} + 12392554306616941176 z^{34}$ $+8913106373456451438 z^{32} + 5134611697971757536 z^{30}$ $+2361053008638520560 z^{28} + 862297627555356768 z^{26}$ $+248445659727001092 z^{24} + 55976335064109936 z^{22}$	$\{[36, 3 \sqrt{2}]\}$

		$+9751535704181736 z^{20} + 1294751374399216 z^{18}$ $+128634581711988 z^{16} + 9338370049440 z^{14}$ $+480089102736 z^{12} + 16751935008 z^{10} + 374486553 z^8$ $+5002356 z^6 + 38358 z^4 + 180 z^2 + 1$	
$\{[72, 2, 66]\}$	$x^6 + x^5 + x^3 + x + 1$	$z^{72} + 180 z^{70} + 864 z^{69} + 18918 z^{68} + 218592 z^{67} + 2410356 z^{66}$ $+23025024 z^{65} + 186970905 z^{64} + 1329848960 z^{63}$ $+8379901728 z^{62} + 47223158400 z^{61} + 240044440848 z^{60}$ $+1107930478464 z^{59} + 4669130022048 z^{58}$ $+18053963809152 z^{57} + 64317374882676 z^{56}$ $+211868648982144 z^{55} + 647375922738160 z^{54}$ $+1839911900682240 z^{53} + 4875767473882536 z^{52}$ $+12073326405507840 z^{51} + 27988165534857840 z^{50}$ $+60843839558546304 z^{49} + 124222835552178948 z^{48}$ $+238507849509397632 z^{47} + 431148815147267424 z^{46}$ $+734549816711023232 z^{45} + 1180526476634998128 z^{44}$ $+1791143643167455104 z^{43} + 2567305896052059360 z^{42}$ $+3478285392763344768 z^{41} + 4456553172925765230 z^{40}$ $+5401882623586717824 z^{39} + 6196277089505649528 z^{38}$ $+6727386590987355072 z^{37} + 6914258487683013604 z^{36}$ $+6727386590987355072 z^{35} + 6196277089505649528 z^{34}$ $+5401882623586717824 z^{33} + 4456553172925765230 z^{32}$ $+3478285392763344768 z^{31} + 2567305896052059360 z^{30}$ $+1791143643167455104 z^{29} + 1180526476634998128 z^{28}$ $+734549816711023232 z^{27} + 431148815147267424 z^{26}$ $+238507849509397632 z^{25} + 124222835552178948 z^{24}$ $+60843839558546304 z^{23} + 27988165534857840 z^{22}$ $+12073326405507840 z^{21} + 4875767473882536 z^{20}$ $+1839911900682240 z^{19} + 647375922738160 z^{18}$ $+211868648982144 z^{17} + 64317374882676 z^{16}$ $+18053963809152 z^{15} + 4669130022048 z^{14}$ $+1107930478464 z^{13} + 240044440848 z^{12} + 47223158400 z^{11}$	$\{[36, 3 \sqrt{2}]\}$

		$+8379901728 z^{10} + 1329848960 z^9 + 186970905 z^8 + 23025024 z^7$ $+ 2410356 z^6 + 218592 z^5 + 18918 z^4 + 864 z^3 + 180 z^2 + 1$	
$\{[75, 2, 69]\}$	$x^6 + x^3 + x^2 + x + 1$	$z^{75} + 150 z^{73} + 625 z^{72} + 19950 z^{71} + 266250 z^{70} + 3134250 z^{69}$ $+ 31104750 z^{68} + 263567625 z^{67} + 1961957750 z^{66}$ $+ 12952830000 z^{65} + 76534572825 z^{64} + 408183746000 z^{63}$ $+ 1978143560400 z^{62} + 8760282954000 z^{61}$ $+ 35625141116880 z^{60} + 133594595229300 z^{59}$ $+ 463651578159600 z^{58} + 1493987770318600 z^{57}$ $+ 4481964381813300 z^{56} + 12549500305205640 z^{55}$ $+ 32867737035067000 z^{54} + 80675358274553400 z^{53}$ $+ 185904085878405000 z^{52} + 402792174236117700 z^{51}$ $+ 821696047049887560 z^{50} + 1580184725653098000 z^{49}$ $+ 2867742617821098500 z^{48} + 4916130185536206000 z^{47}$ $+ 7967521386478518000 z^{46} + 12216866119284887600 z^{45}$ $+ 17734160450553102000 z^{44} + 24384470660422512750 z^{43}$ $+ 31773704193889314000 z^{42} + 39249869826167374500 z^{41}$ $+ 45978419006531671950 z^{40} + 51087132273620660500 z^{39}$ $+ 53848598768790793500 z^{38} + 53848598768790793500 z^{37}$ $+ 51087132273620660500 z^{36} + 45978419006531671950 z^{35}$ $+ 39249869826167374500 z^{34} + 31773704193889314000 z^{33}$ $+ 24384470660422512750 z^{32} + 17734160450553102000 z^{31}$ $+ 12216866119284887600 z^{30} + 7967521386478518000 z^{29}$ $+ 4916130185536206000 z^{28} + 2867742617821098500 z^{27}$ $+ 1580184725653098000 z^{26} + 821696047049887560 z^{25}$ $+ 402792174236117700 z^{24} + 185904085878405000 z^{23}$ $+ 80675358274553400 z^{22} + 32867737035067000 z^{21}$ $+ 12549500305205640 z^{20} + 4481964381813300 z^{19}$ $+ 1493987770318600 z^{18} + 463651578159600 z^{17}$ $+ 133594595229300 z^{16} + 35625141116880 z^{15}$ $+ 8760282954000 z^{14} + 1978143560400 z^{13} + 408183746000 z^{12}$ $+ 76534572825 z^{11} + 12952830000 z^{10} + 1961957750 z^9$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$

		$+263567625 z^8 + 31104750 z^7 + 3134250 z^6 + 266250 z^5$ $+19950 z^4 + 625 z^3 + 150 z^2 + 1$	
$\{[75, 2, 69]\}$	$x^6 + x^4 + x^3 + x^2 + 1$	$z^{75} + 150 z^{73} + 29325 z^{71} + 187500 z^{70} + 3615500 z^{69} + 28828125 z^{68}$ $+ 272097000 z^{67} + 1936593750 z^{66} + 13010250000 z^{65}$ $+ 76450640625 z^{64} + 408189257000 z^{63} + 1978540200000 z^{62}$ $+ 8758964208000 z^{61} + 35627473325000 z^{60}$ $+ 133593131621100 z^{59} + 463647103290000 z^{58}$ $+ 1494003650412200 z^{57} + 4481940798285000 z^{56}$ $+ 12549508024098780 z^{55} + 32867782827374000 z^{54}$ $+ 80675246095666800 z^{53} + 185904197733565500 z^{52}$ $+ 402792210523625400 z^{51} + 821695751691787560 z^{50}$ $+ 1580185167019906800 z^{49} + 2867742422800895500 z^{48}$ $+ 4916129728798860600 z^{47} + 7967522425631616000 z^{46}$ $+ 12216865267707882560 z^{45} + 17734160143354579800 z^{44}$ $+ 24384472301922432150 z^{43} + 31773702352096127600 z^{42}$ $+ 39249870181377317700 z^{41} + 45978420788061459480 z^{40}$ $+ 51087129633522877950 z^{39} + 53848600020609911400 z^{38}$ $+ 53848600020609911400 z^{37} + 51087129633522877950 z^{36}$ $+ 45978420788061459480 z^{35} + 39249870181377317700 z^{34}$ $+ 31773702352096127600 z^{33} + 24384472301922432150 z^{32}$ $+ 17734160143354579800 z^{31} + 12216865267707882560 z^{30}$ $+ 7967522425631616000 z^{29} + 4916129728798860600 z^{28}$ $+ 2867742422800895500 z^{27} + 1580185167019906800 z^{26}$ $+ 821695751691787560 z^{25} + 402792210523625400 z^{24}$ $+ 185904197733565500 z^{23} + 80675246095666800 z^{22}$ $+ 32867782827374000 z^{21} + 12549508024098780 z^{20}$ $+ 4481940798285000 z^{19} + 1494003650412200 z^{18}$ $+ 463647103290000 z^{17} + 133593131621100 z^{16}$ $+ 35627473325000 z^{15} + 8758964208000 z^{14}$ $+ 1978540200000 z^{13} + 408189257000 z^{12} + 76450640625 z^{11}$ $+ 13010250000 z^{10} + 1936593750 z^9 + 272097000 z^8$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$

		$+28828125 z^7 + 3615500 z^6 + 187500 z^5 + 29325 z^4 + 150 z^2 + 1$	
$\{[75, 2, 69]\}$	$x^6 + x^5 + x^4 + x^3 + 1$	$z^{75} + 150 z^{73} + 625 z^{72} + 19950 z^{71} + 266250 z^{70} + 3134250 z^{69}$ $+ 31104750 z^{68} + 263567625 z^{67} + 1961957750 z^{66}$ $+ 12952830000 z^{65} + 76534572825 z^{64} + 408183746000 z^{63}$ $+ 1978143560400 z^{62} + 8760282954000 z^{61}$ $+ 35625141116880 z^{60} + 133594595229300 z^{59}$ $+ 463651578159600 z^{58} + 1493987770318600 z^{57}$ $+ 4481964381813300 z^{56} + 12549500305205640 z^{55}$ $+ 32867737035067000 z^{54} + 80675358274553400 z^{53}$ $+ 185904085878405000 z^{52} + 402792174236117700 z^{51}$ $+ 821696047049887560 z^{50} + 1580184725653098000 z^{49}$ $+ 2867742617821098500 z^{48} + 4916130185536206000 z^{47}$ $+ 7967521386478518000 z^{46} + 12216866119284887600 z^{45}$ $+ 17734160450553102000 z^{44} + 24384470660422512750 z^{43}$ $+ 31773704193889314000 z^{42} + 39249869826167374500 z^{41}$ $+ 45978419006531671950 z^{40} + 51087132273620660500 z^{39}$ $+ 53848598768790793500 z^{38} + 53848598768790793500 z^{37}$ $+ 51087132273620660500 z^{36} + 45978419006531671950 z^{35}$ $+ 39249869826167374500 z^{34} + 31773704193889314000 z^{33}$ $+ 24384470660422512750 z^{32} + 17734160450553102000 z^{31}$ $+ 12216866119284887600 z^{30} + 7967521386478518000 z^{29}$ $+ 4916130185536206000 z^{28} + 2867742617821098500 z^{27}$ $+ 1580184725653098000 z^{26} + 821696047049887560 z^{25}$ $+ 402792174236117700 z^{24} + 185904085878405000 z^{23}$ $+ 80675358274553400 z^{22} + 32867737035067000 z^{21}$ $+ 12549500305205640 z^{20} + 4481964381813300 z^{19}$ $+ 1493987770318600 z^{18} + 463651578159600 z^{17}$ $+ 133594595229300 z^{16} + 35625141116880 z^{15}$ $+ 8760282954000 z^{14} + 1978143560400 z^{13} + 408183746000 z^{12}$ $+ 76534572825 z^{11} + 12952830000 z^{10} + 1961957750 z^9$ $+ 263567625 z^8 + 31104750 z^7 + 3134250 z^6 + 266250 z^5$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$

		$+19950 z^4 + 625 z^3 + 150 z^2 + 1$	
$\{[77, 2, 71]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{77} + 385 z^{75} + 65835 z^{73} + 6588659 z^{71} + 19487171 z^{70}$ $+ 428443400 z^{69} + 2046152955 z^{68} + 19037921672 z^{67}$ $+ 97806111249 z^{66} + 593851411384 z^{65} + 2821644924945 z^{64}$ $+ 13228093081720 z^{63} + 54955848885784 z^{62}$ $+ 213774374765644 z^{61} + 766527786250072 z^{60}$ $+ 2554121077722060 z^{59} + 7935616582989480 z^{58}$ $+ 23004121267658916 z^{57} + 62451747701867304 z^{56}$ $+ 158961222277138820 z^{55} + 380112927446549220 z^{54}$ $+ 855295676385510360 z^{53} + 1813161438443211780 z^{52}$ $+ 3626377222966057560 z^{51} + 6849835695247329708 z^{50}$ $+ 12231730610656762920 z^{49} + 20667608379162401580 z^{48}$ $+ 33067998848191862632 z^{47} + 50135356060089813128 z^{46}$ $+ 72069816951065073910 z^{45} + 98276620908440648520 z^{44}$ $+ 127181836302939506550 z^{43} + 156251957708422405368 z^{42}$ $+ 182293591746837450418 z^{41} + 202001545041433182584 z^{40}$ $+ 212632816349832069730 z^{39} + 212632816349832069730 z^{38}$ $+ 202001545041433182584 z^{37} + 182293591746837450418 z^{36}$ $+ 156251957708422405368 z^{35} + 127181836302939506550 z^{34}$ $+ 98276620908440648520 z^{33} + 72069816951065073910 z^{32}$ $+ 50135356060089813128 z^{31} + 33067998848191862632 z^{30}$ $+ 20667608379162401580 z^{29} + 12231730610656762920 z^{28}$ $+ 6849835695247329708 z^{27} + 3626377222966057560 z^{26}$ $+ 1813161438443211780 z^{25} + 855295676385510360 z^{24}$ $+ 380112927446549220 z^{23} + 158961222277138820 z^{22}$ $+ 62451747701867304 z^{21} + 23004121267658916 z^{20}$ $+ 7935616582989480 z^{19} + 2554121077722060 z^{18}$ $+ 766527786250072 z^{17} + 213774374765644 z^{16}$ $+ 54955848885784 z^{15} + 13228093081720 z^{14}$ $+ 2821644924945 z^{13} + 593851411384 z^{12} + 97806111249 z^{11}$ $+ 19037921672 z^{10} + 2046152955 z^9 + 428443400 z^8$	$\left\{ \left[\frac{77}{2}, \frac{\sqrt{77}}{2} \right] \right\}$

		$+19487171 z^7 + 6588659 z^6 + 65835 z^4 + 385 z^2 + 1$	
$\{[78, 2, 72]\}$	$x^6 + 1$	$4826809 z^{72} + 637138788 z^{70} + 37909757886 z^{68}$ $+ 1347123777428 z^{66} + 31969235111385 z^{64}$ $+ 537561177727392 z^{62} + 6643211146680784 z^{60}$ $+ 61881620166935712 z^{58} + 442813906282383636 z^{56}$ $+ 2470797623730561840 z^{54} + 10879126810937238984 z^{52}$ $+ 38163210028737067248 z^{50} + 107471067832933307204 z^{48}$ $+ 244410174620669552352 z^{46} + 450917219500755699120 z^{44}$ $+ 677091323237766336224 z^{42} + 829268297128026528318 z^{40}$ $+ 829268546270308791192 z^{38} + 677091489110899779956 z^{36}$ $+ 450916999407234068280 z^{34} + 244410112611155768238 z^{32}$ $+ 107471186006791738976 z^{30} + 38163222902110803120 z^{28}$ $+ 10879087189249200480 z^{26} + 2470795307849367460 z^{24}$ $+ 442822240291479984 z^{22} + 61882416086000328 z^{20}$ $+ 6642191984144496 z^{18} + 537355725360948 z^{16}$ $+ 32013843083040 z^{14} + 1367295714512 z^{12} + 40740090144 z^{10}$ $+ 827920977 z^8 + 11174436 z^6 + 95550 z^4 + 468 z^2 + 1$	$\left\{ \left[39, \frac{\sqrt{78}}{2} \right] \right\}$
$\{[80, 2, 74]\}$	$x^6 + x^4 + x^2 + 1$	$z^{80} + 360 z^{78} + 78380 z^{76} + 10193880 z^{74} + 912146110 z^{72}$ $+ 51429402008 z^{70} + 1882447567820 z^{68} + 47130520232360 z^{66}$ $+ 842448377574125 z^{64} + 11100426213597600 z^{62}$ $+ 110478621349736560 z^{60} + 846524722508559200 z^{58}$ $+ 5069945783878090600 z^{56} + 24023743861268567520 z^{54}$ $+ 90947033437653013040 z^{52} + 277231640304184081184 z^{50}$ $+ 684695080582090591250 z^{48} + 1376713113963803543600 z^{46}$ $+ 2261742959055337910120 z^{44}$ $+ 3043540312134829129040 z^{42}$ $+ 3359600282664952825268 z^{40}$ $+ 3043540312134829129040 z^{38}$ $+ 2261742959055337910120 z^{36}$ $+ 1376713113963803543600 z^{34} + 684695080582090591250 z^{32}$ $+ 277231640304184081184 z^{30} + 90947033437653013040 z^{28}$	$\{[40, 2\sqrt{5}]\}$

		$+24023743861268567520 z^{26} + 5069945783878090600 z^{24}$ $+846524722508559200 z^{22} + 110478621349736560 z^{20}$ $+11100426213597600 z^{18} + 842448377574125 z^{16}$ $+47130520232360 z^{14} + 1882447567820 z^{12} + 51429402008 z^{10}$ $+912146110 z^8 + 10193880 z^6 + 78380 z^4 + 360 z^2 + 1$	
$\{[80, 2, 74]\}$	$x^6 + x^5 + x + 1$	$z^{80} + 280 z^{78} + 76940 z^{76} + 10839080 z^{74} + 937769470 z^{72}$ $+ 51744128616 z^{70} + 1883302223660 z^{68} + 47123907528920 z^{66}$ $+ 842424135528685 z^{64} + 11100513913805920 z^{62}$ $+ 110478843839206384 z^{60} + 846523908499886240 z^{58}$ $+ 5069945039591615080 z^{56} + 24023748281336882720 z^{54}$ $+ 90947032679731563440 z^{52} + 277231627724613858016 z^{50}$ $+ 684695091431967555090 z^{48} + 1376713131793121746640 z^{46}$ $+ 2261742930339860452520 z^{44}$ $+ 3043540303197618630320 z^{42}$ $+ 3359600321002314258740 z^{40}$ $+ 3043540303197618630320 z^{38}$ $+ 2261742930339860452520 z^{36}$ $+ 1376713131793121746640 z^{34} + 684695091431967555090 z^{32}$ $+ 277231627724613858016 z^{30} + 90947032679731563440 z^{28}$ $+ 24023748281336882720 z^{26} + 5069945039591615080 z^{24}$ $+ 846523908499886240 z^{22} + 110478843839206384 z^{20}$ $+ 11100513913805920 z^{18} + 842424135528685 z^{16}$ $+ 47123907528920 z^{14} + 1883302223660 z^{12} + 51744128616 z^{10}$ $+ 937769470 z^8 + 10839080 z^6 + 76940 z^4 + 280 z^2 + 1$	$\{[40, 2\sqrt{5}]\}$
		$z^{81} + 324 z^{79} + 2187 z^{78} + 47790 z^{77} + 533628 z^{76} + 5840775 z^{75}$ $+ 58059018 z^{74} + 515040525 z^{73} + 4110396597 z^{72}$ $+ 29414846250 z^{71} + 189462252879 z^{70} + 1104793557516 z^{69}$ $+ 5864336323470 z^{68} + 28486748290419 z^{67}$ $+ 127248757519860 z^{66} + 524912585801364 z^{65}$ $+ 2007017624406969 z^{64} + 7136027011573920 z^{63}$ $+ 23661481679609436 z^{62} + 73350491761715688 z^{61}$	

$\{[81, 2, 75]\}$ $x^6 + x^3 + 1$

$$\begin{aligned} &+213065741810441376 z^{60} + 581088741744488652 z^{59} \\ &+1490619505671810360 z^{58} + 3602330726351116788 z^{57} \\ &+8213313432744757476 z^{56} + 17690211729538509816 z^{55} \\ &+36035614523204888700 z^{54} + 69497257221081404928 z^{53} \\ &+127012233035127762216 z^{52} + 220154542271264225484 z^{51} \\ &+362189732097027222720 z^{50} + 565921450616241237966 z^{49} \\ &+840307597199775566820 z^{48} + 1186316601462553262184 z^{47} \\ &+1593053729903420228826 z^{46} \\ &+2035568671170140904372 z^{45} \\ &+2475691637522353434072 z^{44} \\ &+2866590313229184522210 z^{43} \\ &+3160599558881262750108 z^{42} \\ &+3318629519609216501094 z^{41} \\ &+3318629519609216501094 z^{40} \\ &+3160599558881262750108 z^{39} \\ &+2866590313229184522210 z^{38} \\ &+2475691637522353434072 z^{37} \\ &+2035568671170140904372 z^{36} \\ &+1593053729903420228826 z^{35} \\ &+1186316601462553262184 z^{34} + 840307597199775566820 z^{33} \\ &+565921450616241237966 z^{32} + 362189732097027222720 z^{31} \\ &+220154542271264225484 z^{30} + 127012233035127762216 z^{29} \\ &+69497257221081404928 z^{28} + 36035614523204888700 z^{27} \\ &+17690211729538509816 z^{26} + 8213313432744757476 z^{25} \\ &+3602330726351116788 z^{24} + 1490619505671810360 z^{23} \\ &+581088741744488652 z^{22} + 213065741810441376 z^{21} \\ &+73350491761715688 z^{20} + 23661481679609436 z^{19} \\ &+7136027011573920 z^{18} + 2007017624406969 z^{17} \\ &+524912585801364 z^{16} + 127248757519860 z^{15} \\ &+28486748290419 z^{14} + 5864336323470 z^{13} \\ &+1104793557516 z^{12} + 189462252879 z^{11} + 29414846250 z^{10} \end{aligned}$$

$$\left\{ \left[\frac{81}{2}, \frac{9}{2} \right] \right\}$$

		$+4110396597 z^9 + 515040525 z^8 + 58059018 z^7 + 5840775 z^6$ $+ 533628 z^5 + 47790 z^4 + 2187 z^3 + 324 z^2 + 1$	
$\{[84, 2, 78]\}$	$x^6 + 1$	$z^{84} + 546 z^{82} + 130221 z^{80} + 17822168 z^{78} + 1549227498 z^{76}$ $+ 89762783292 z^{74} + 3564340945802 z^{72} + 99318287993112 z^{70}$ $+ 1995905687030073 z^{68} + 29715528392811898 z^{66}$ $+ 335496583808903517 z^{64} + 2928018542326087392 z^{62}$ $+ 20061077105539469272 z^{60} + 109255417803172110288 z^{58}$ $+ 477775941448992983448 z^{56} + 1691437672502990330464 z^{54}$ $+ 4879933407202825110594 z^{52}$ $+ 11534385838736536139364 z^{50}$ $+ 22427974000400270674554 z^{48}$ $+ 35986851953016071334864 z^{46}$ $+ 47751781803701308944156 z^{44}$ $+ 52465950020753532011496 z^{42}$ $+ 47751781803701308944156 z^{40}$ $+ 35986851953016071334864 z^{38}$ $+ 22427974000400270674554 z^{36}$ $+ 11534385838736536139364 z^{34}$ $+ 4879933407202825110594 z^{32}$ $+ 1691437672502990330464 z^{30} + 477775941448992983448 z^{28}$ $+ 109255417803172110288 z^{26} + 20061077105539469272 z^{24}$ $+ 2928018542326087392 z^{22} + 335496583808903517 z^{20}$ $+ 29715528392811898 z^{18} + 1995905687030073 z^{16}$ $+ 99318287993112 z^{14} + 3564340945802 z^{12} + 89762783292 z^{10}$ $+ 1549227498 z^8 + 17822168 z^6 + 130221 z^4 + 546 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 210 z^{82} + 3024 z^{81} + 38829 z^{80} + 529200 z^{79} + 6519128 z^{78}$ $+ 71014032 z^{77} + 680745450 z^{76} + 5748890224 z^{75}$ $+ 43131152988 z^{74} + 290209480176 z^{73} + 1765548900234 z^{72}$ $+ 9778395405072 z^{71} + 49589794966680 z^{70}$ $+ 231417862828208 z^{69} + 997989418742841 z^{68}$ $+ 3991960951227984 z^{67} + 14858973474587242 z^{66}$	

$\{[84, 2, 78]\}$

$x^6 + x^2 + 1$

$+51615388391434560 z^{65} + 167749997617532253 z^{64}$
 $+511238035948491456 z^{63} + 1463999794943687904 z^{62}$
 $+3946434318939373632 z^{61} + 10030520752782981080 z^{60}$
 $+24073249874694390720 z^{59} + 54627759075404261712 z^{58}$
 $+117348518988730296512 z^{57} + 238888056215603184024 z^{56}$
 $+461301074729532066624 z^{55} + 845718638566578847840 z^{54}$
 $+1473187306420197348288 z^{53}$
 $+2439966474044488992834 z^{52}$
 $+3844795653171316389952 z^{51}$
 $+5767193480156861860548 z^{50}$
 $+8238847832662018931808 z^{49}$
 $+11213987331062798867578 z^{48}$
 $+14547875455693663593888 z^{47}$
 $+17993424900846160870608 z^{46}$
 $+21223013980930513171168 z^{45}$
 $+23875890730028710096668 z^{44}$
 $+25622907132247138552608 z^{43}$
 $+26232976354020633164968 z^{42}$
 $+25622907132247138552608 z^{41}$
 $+23875890730028710096668 z^{40}$
 $+21223013980930513171168 z^{39}$
 $+17993424900846160870608 z^{38}$
 $+14547875455693663593888 z^{37}$
 $+11213987331062798867578 z^{36}$
 $+8238847832662018931808 z^{35}$
 $+5767193480156861860548 z^{34}$
 $+3844795653171316389952 z^{33}$
 $+2439966474044488992834 z^{32}$
 $+1473187306420197348288 z^{31} + 845718638566578847840 z^{30}$
 $+461301074729532066624 z^{29} + 238888056215603184024 z^{28}$
 $+117348518988730296512 z^{27} + 54627759075404261712 z^{26}$

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

		$ \begin{aligned} &+24073249874694390720 z^{25} + 10030520752782981080 z^{24} \\ &+3946434318939373632 z^{23} + 1463999794943687904 z^{22} \\ &+511238035948491456 z^{21} + 167749997617532253 z^{20} \\ &+51615388391434560 z^{19} + 14858973474587242 z^{18} \\ &+3991960951227984 z^{17} + 997989418742841 z^{16} \\ &+231417862828208 z^{15} + 49589794966680 z^{14} \\ &+9778395405072 z^{13} + 1765548900234 z^{12} + 290209480176 z^{11} \\ &+43131152988 z^{10} + 5748890224 z^9 + 680745450 z^8 \\ &+71014032 z^7 + 6519128 z^6 + 529200 z^5 + 38829 z^4 + 3024 z^3 \\ &+210 z^2 + 1 \end{aligned} $	
$\{[84, 2, 78]\}$	$x^6 + x^3 + x + 1$	$ \begin{aligned} &z^{84} + 84 z^{82} + 60669 z^{80} + 12697776 z^{78} + 1362403098 z^{76} \\ &+ 86281539288 z^{74} + 3531031819322 z^{72} + 99179177586480 z^{70} \\ &+ 1995981539839497 z^{68} + 29717945181372868 z^{66} \\ &+ 335499966955616925 z^{64} + 2927999693068728768 z^{62} \\ &+ 20061041418572723352 z^{60} + 109255517791726148640 z^{58} \\ &+ 477776113674539166552 z^{56} + 1691437275750442725568 z^{54} \\ &+ 4879932947116987302018 z^{52} \\ &+ 11534386965481095498216 z^{50} \\ &+ 22427974655590947657690 z^{48} \\ &+ 35986849802488132117920 z^{46} \\ &+ 47751781469182142643900 z^{44} \\ &+ 52465952693898898379280 z^{42} \\ &+ 47751781469182142643900 z^{40} \\ &+ 35986849802488132117920 z^{38} \\ &+ 22427974655590947657690 z^{36} \\ &+ 11534386965481095498216 z^{34} \\ &+ 4879932947116987302018 z^{32} \\ &+ 1691437275750442725568 z^{30} + 477776113674539166552 z^{28} \\ &+ 109255517791726148640 z^{26} + 20061041418572723352 z^{24} \\ &+ 2927999693068728768 z^{22} + 335499966955616925 z^{20} \\ &+ 29717945181372868 z^{18} + 1995981539839497 z^{16} \end{aligned} $	$\{[42, \sqrt{21}]\}$

		$+99179177586480 z^{14} + 3531031819322 z^{12} + 86281539288 z^{10}$ $+ 1362403098 z^8 + 12697776 z^6 + 60669 z^4 + 84 z^2 + 1$	
$\{[84, 2, 78]\}$	$x^6 + x^4 + x^2 + x + 1$	$z^{84} + 126 z^{82} + 1792 z^{81} + 29085 z^{80} + 478464 z^{79} + 6353928 z^{78}$ $+ 70770432 z^{77} + 681212154 z^{76} + 5752540416 z^{75}$ $+ 43140721092 z^{74} + 290217129216 z^{73} + 1765514339610 z^{72}$ $+ 9778256189184 z^{71} + 49589606787528 z^{70}$ $+ 231418047313152 z^{69} + 997990672263081 z^{68}$ $+ 3991963009171200 z^{67} + 14858972901467814 z^{66}$ $+ 51615379476691968 z^{65} + 167749983013374237 z^{64}$ $+ 511238039936603136 z^{63} + 1463999845701593760 z^{62}$ $+ 3946434385221049344 z^{61} + 10030520716795029528 z^{60}$ $+ 24073249662007956480 z^{59} + 54627758870440430640 z^{58}$ $+ 117348519187022398464 z^{57} + 238888056892812626136 z^{56}$ $+ 461301075155948547072 z^{55} + 845718637795215080736 z^{54}$ $+ 1473187304817870308352 z^{53}$ $+ 2439966473610194906370 z^{52}$ $+ 3844795655200363121664 z^{51}$ $+ 5767193482832588311260 z^{50}$ $+ 8238847832524587594240 z^{49}$ $+ 11213987327412884758170 z^{48}$ $+ 14547875452297103992320 z^{47}$ $+ 17993424902011474754160 z^{46}$ $+ 21223013986061298270720 z^{45}$ $+ 23875890733485081543420 z^{44}$ $+ 25622907129748133291520 z^{43}$ $+ 26232976348191195672600 z^{42}$ $+ 25622907129748133291520 z^{41}$ $+ 23875890733485081543420 z^{40}$ $+ 21223013986061298270720 z^{39}$ $+ 17993424902011474754160 z^{38}$ $+ 14547875452297103992320 z^{37}$	$\{[42, \sqrt{21}]\}$

		$ \begin{aligned} &+11213987327412884758170 z^{36} \\ &+8238847832524587594240 z^{35} \\ &+5767193482832588311260 z^{34} \\ &+3844795655200363121664 z^{33} \\ &+2439966473610194906370 z^{32} \\ &+1473187304817870308352 z^{31} + 845718637795215080736 z^{30} \\ &+461301075155948547072 z^{29} + 238888056892812626136 z^{28} \\ &+117348519187022398464 z^{27} + 54627758870440430640 z^{26} \\ &+24073249662007956480 z^{25} + 10030520716795029528 z^{24} \\ &+3946434385221049344 z^{23} + 1463999845701593760 z^{22} \\ &+511238039936603136 z^{21} + 167749983013374237 z^{20} \\ &+51615379476691968 z^{19} + 14858972901467814 z^{18} \\ &+3991963009171200 z^{17} + 997990672263081 z^{16} \\ &+231418047313152 z^{15} + 49589606787528 z^{14} \\ &+9778256189184 z^{13} + 1765514339610 z^{12} + 290217129216 z^{11} \\ &+43140721092 z^{10} + 5752540416 z^9 + 681212154 z^8 \\ &+70770432 z^7 + 6353928 z^6 + 478464 z^5 + 29085 z^4 + 1792 z^3 \\ &+126 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{84} + 210 z^{82} + 3024 z^{81} + 38829 z^{80} + 529200 z^{79} + 6519128 z^{78} \\ &+ 71014032 z^{77} + 680745450 z^{76} + 5748890224 z^{75} \\ &+ 43131152988 z^{74} + 290209480176 z^{73} + 1765548900234 z^{72} \\ &+ 9778395405072 z^{71} + 49589794966680 z^{70} \\ &+ 231417862828208 z^{69} + 997989418742841 z^{68} \\ &+ 3991960951227984 z^{67} + 14858973474587242 z^{66} \\ &+ 51615388391434560 z^{65} + 167749997617532253 z^{64} \\ &+ 511238035948491456 z^{63} + 1463999794943687904 z^{62} \\ &+ 3946434318939373632 z^{61} + 10030520752782981080 z^{60} \\ &+ 24073249874694390720 z^{59} + 54627759075404261712 z^{58} \\ &+ 117348518988730296512 z^{57} + 238888056215603184024 z^{56} \\ &+ 461301074729532066624 z^{55} + 845718638566578847840 z^{54} \\ &+ 1473187306420197348288 z^{53} \end{aligned} $	

$\{[84, 2, 78]\}$ $x^6 + x^4 + 1$
$$\begin{aligned} &+2439966474044488992834 z^{52} \\ &+3844795653171316389952 z^{51} \\ &+5767193480156861860548 z^{50} \\ &+8238847832662018931808 z^{49} \\ &+11213987331062798867578 z^{48} \\ &+14547875455693663593888 z^{47} \\ &+17993424900846160870608 z^{46} \\ &+21223013980930513171168 z^{45} \\ &+23875890730028710096668 z^{44} \\ &+25622907132247138552608 z^{43} \\ &+26232976354020633164968 z^{42} \\ &+25622907132247138552608 z^{41} \\ &+23875890730028710096668 z^{40} \\ &+21223013980930513171168 z^{39} \\ &+17993424900846160870608 z^{38} \\ &+14547875455693663593888 z^{37} \\ &+11213987331062798867578 z^{36} \\ &+8238847832662018931808 z^{35} \\ &+5767193480156861860548 z^{34} \\ &+3844795653171316389952 z^{33} \\ &+2439966474044488992834 z^{32} \\ &+1473187306420197348288 z^{31} + 845718638566578847840 z^{30} \\ &+461301074729532066624 z^{29} + 238888056215603184024 z^{28} \\ &+117348518988730296512 z^{27} + 54627759075404261712 z^{26} \\ &+24073249874694390720 z^{25} + 10030520752782981080 z^{24} \\ &+3946434318939373632 z^{23} + 1463999794943687904 z^{22} \\ &+511238035948491456 z^{21} + 167749997617532253 z^{20} \\ &+51615388391434560 z^{19} + 14858973474587242 z^{18} \\ &+3991960951227984 z^{17} + 997989418742841 z^{16} \\ &+231417862828208 z^{15} + 49589794966680 z^{14} \\ &+9778395405072 z^{13} + 1765548900234 z^{12} + 290209480176 z^{11} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+43131152988 z^{10} + 5748890224 z^9 + 680745450 z^8$ $+71014032 z^7 + 6519128 z^6 + 529200 z^5 + 38829 z^4 + 3024 z^3$ $+210 z^2 + 1$	
$\{[84, 2, 78]\}$	$x^6 + x^4 + x + 1$	$z^{84} + 126 z^{82} + 61341 z^{80} + 12697608 z^{78} + 1362254586 z^{76}$ $+ 86282949060 z^{74} + 3531026568986 z^{72} + 99179182396872 z^{70}$ $+ 1995981552489897 z^{68} + 29717945322481318 z^{66}$ $+ 335499965267018013 z^{64} + 2927999701210602144 z^{62}$ $+ 20061041394151305240 z^{60} + 109255517842027981872 z^{58}$ $+ 477776113602162192600 z^{56} + 1691437275822822796576 z^{54}$ $+ 4879932947053697860866 z^{52}$ $+ 11534386965601726778076 z^{50}$ $+ 22427974655247557075610 z^{48}$ $+ 35986849803226622386800 z^{46}$ $+ 47751781468038034964220 z^{44}$ $+ 52465952695217247952920 z^{42}$ $+ 47751781468038034964220 z^{40}$ $+ 35986849803226622386800 z^{38}$ $+ 22427974655247557075610 z^{36}$ $+ 11534386965601726778076 z^{34}$ $+ 4879932947053697860866 z^{32}$ $+ 1691437275822822796576 z^{30} + 477776113602162192600 z^{28}$ $+ 109255517842027981872 z^{26} + 20061041394151305240 z^{24}$ $+ 2927999701210602144 z^{22} + 335499965267018013 z^{20}$ $+ 29717945322481318 z^{18} + 1995981552489897 z^{16}$ $+ 99179182396872 z^{14} + 3531026568986 z^{12} + 86282949060 z^{10}$ $+ 1362254586 z^8 + 12697608 z^6 + 61341 z^4 + 126 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 462 z^{82} + 94941 z^{80} + 11440968 z^{78} + 35831808 z^{77}$ $+ 898229178 z^{76} + 4598415360 z^{75} + 48363681828 z^{74}$ $+ 269467140096 z^{73} + 1836958256602 z^{72} + 9565419257856 z^{71}$ $+ 50135802883848 z^{70} + 230242588950528 z^{69}$ $+ 1000007312255721 z^{68} + 3989605207375872 z^{67}$	

$\{[84, 2, 78]\}$ $x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$
$$\begin{aligned} &+14859197173429686 z^{66} + 51622992234283008 z^{65} \\ &+167726470624935453 z^{64} + 511281749312536576 z^{63} \\ &+1463949004895812512 z^{62} + 3946446978905604096 z^{61} \\ &+10030620190785356568 z^{60} + 24072980399677440000 z^{59} \\ &+54628151841738821808 z^{58} + 117348235371394564096 z^{57} \\ &+238887850046616721368 z^{56} + 461302057693453025280 z^{55} \\ &+845717056862063047200 z^{54} + 1473188624859912339456 z^{53} \\ &+2439966673299941928450 z^{52} \\ &+3844793174238124179456 z^{51} \\ &+5767197547547349019260 z^{50} \\ &+8238844468281827524608 z^{49} \\ &+11213987288781493380122 z^{48} \\ &+14547879984605376675840 z^{47} \\ &+17993417808313217486832 z^{46} \\ &+21223019433280717488128 z^{45} \\ &+23875890701223018923388 z^{44} \\ &+25622901185776070787072 z^{43} \\ &+26232984882212115425880 z^{42} \\ &+25622901185776070787072 z^{41} \\ &+23875890701223018923388 z^{40} \\ &+21223019433280717488128 z^{39} \\ &+17993417808313217486832 z^{38} \\ &+14547879984605376675840 z^{37} \\ &+11213987288781493380122 z^{36} \\ &+8238844468281827524608 z^{35} \\ &+5767197547547349019260 z^{34} \\ &+3844793174238124179456 z^{33} \\ &+2439966673299941928450 z^{32} \\ &+1473188624859912339456 z^{31} + 845717056862063047200 z^{30} \\ &+461302057693453025280 z^{29} + 238887850046616721368 z^{28} \\ &+117348235371394564096 z^{27} + 54628151841738821808 z^{26} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+24072980399677440000 z^{25} + 10030620190785356568 z^{24}$ $+3946446978905604096 z^{23} + 1463949004895812512 z^{22}$ $+511281749312536576 z^{21} + 167726470624935453 z^{20}$ $+51622992234283008 z^{19} + 14859197173429686 z^{18}$ $+3989605207375872 z^{17} + 1000007312255721 z^{16}$ $+230242588950528 z^{15} + 50135802883848 z^{14}$ $+9565419257856 z^{13} + 1836958256602 z^{12} + 269467140096 z^{11}$ $+48363681828 z^{10} + 4598415360 z^9 + 898229178 z^8$ $+35831808 z^7 + 11440968 z^6 + 94941 z^4 + 462 z^2 + 1$	
		$z^{84} + 126 z^{82} + 1792 z^{81} + 29085 z^{80} + 478464 z^{79} + 6353928 z^{78}$ $+70770432 z^{77} + 681212154 z^{76} + 5752540416 z^{75}$ $+43140721092 z^{74} + 290217129216 z^{73} + 1765514339610 z^{72}$ $+9778256189184 z^{71} + 49589606787528 z^{70}$ $+231418047313152 z^{69} + 997990672263081 z^{68}$ $+3991963009171200 z^{67} + 14858972901467814 z^{66}$ $+51615379476691968 z^{65} + 167749983013374237 z^{64}$ $+511238039936603136 z^{63} + 1463999845701593760 z^{62}$ $+3946434385221049344 z^{61} + 10030520716795029528 z^{60}$ $+24073249662007956480 z^{59} + 54627758870440430640 z^{58}$ $+117348519187022398464 z^{57} + 238888056892812626136 z^{56}$ $+461301075155948547072 z^{55} + 845718637795215080736 z^{54}$ $+1473187304817870308352 z^{53}$ $+2439966473610194906370 z^{52}$ $+3844795655200363121664 z^{51}$ $+5767193482832588311260 z^{50}$ $+8238847832524587594240 z^{49}$ $+11213987327412884758170 z^{48}$ $+14547875452297103992320 z^{47}$ $+17993424902011474754160 z^{46}$ $+21223013986061298270720 z^{45}$ $+23875890733485081543420 z^{44}$	

$\{[84, 2, 78]\}$	$x^6 + x^5 + x^4 + x^2 + 1$	$+25622907129748133291520 z^{43}$ $+26232976348191195672600 z^{42}$ $+25622907129748133291520 z^{41}$ $+23875890733485081543420 z^{40}$ $+21223013986061298270720 z^{39}$ $+17993424902011474754160 z^{38}$ $+14547875452297103992320 z^{37}$ $+11213987327412884758170 z^{36}$ $+8238847832524587594240 z^{35}$ $+5767193482832588311260 z^{34}$ $+3844795655200363121664 z^{33}$ $+2439966473610194906370 z^{32}$ $+1473187304817870308352 z^{31} + 845718637795215080736 z^{30}$ $+461301075155948547072 z^{29} + 238888056892812626136 z^{28}$ $+117348519187022398464 z^{27} + 54627758870440430640 z^{26}$ $+24073249662007956480 z^{25} + 10030520716795029528 z^{24}$ $+3946434385221049344 z^{23} + 1463999845701593760 z^{22}$ $+511238039936603136 z^{21} + 167749983013374237 z^{20}$ $+51615379476691968 z^{19} + 14858972901467814 z^{18}$ $+3991963009171200 z^{17} + 997990672263081 z^{16}$ $+231418047313152 z^{15} + 49589606787528 z^{14}$ $+9778256189184 z^{13} + 1765514339610 z^{12} + 290217129216 z^{11}$ $+43140721092 z^{10} + 5752540416 z^9 + 681212154 z^8$ $+70770432 z^7 + 6353928 z^6 + 478464 z^5 + 29085 z^4 + 1792 z^3$ $+126 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$50421 z^{80} + 12302724 z^{78} + 1358543424 z^{76} + 86288914740 z^{74}$ $+3531198628762 z^{72} + 99178961938476 z^{70}$ $+1995978101951400 z^{68} + 29717954574745052 z^{66}$ $+335499989310794301 z^{64} + 2927999569472518800 z^{62}$ $+20061041472351711552 z^{60} + 109255518446711342160 z^{58}$ $+477776112221028406296 z^{56} + 1691437275708188650992 z^{54}$	

$\{[84, 2, 78]\}$	$x^6 + x^5 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+4879932951775370035680 z^{52} \\ &+11534386958534533835952 z^{50} \\ &+22427974655569953788458 z^{48} \\ &+35986849814363937743352 z^{46} \\ &+47751781455452465584704 z^{44} \\ &+52465952694463943488920 z^{42} \\ &+47751781482044822637756 z^{40} \\ &+35986849790896722110568 z^{38} \\ &+22427974655814432436592 z^{36} \\ &+11534386972080663371016 z^{34} \\ &+4879932942676477760802 z^{32} \\ &+1691437275759358396752 z^{30} + 477776115064441006272 z^{28} \\ &+109255517204780372496 z^{26} + 20061041327502279384 z^{24} \\ &+2927999829286151088 z^{22} + 335499942284179680 z^{20} \\ &+29717935781297008 z^{18} + 1995985078223745 z^{16} \\ &+99179384495268 z^{14} + 3530858495360 z^{12} + 86276265684 z^{10} \\ &+1366064826 z^8 + 13083084 z^6 + 72744 z^4 + 252 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
$\{[84, 2, 78]\}$	$x^6 + x^5 + x^3 + 1$	$ \begin{aligned} &z^{84} + 84 z^{82} + 60669 z^{80} + 12697776 z^{78} + 1362403098 z^{76} \\ &+ 86281539288 z^{74} + 3531031819322 z^{72} + 99179177586480 z^{70} \\ &+ 1995981539839497 z^{68} + 29717945181372868 z^{66} \\ &+ 335499966955616925 z^{64} + 2927999693068728768 z^{62} \\ &+ 20061041418572723352 z^{60} + 109255517791726148640 z^{58} \\ &+ 477776113674539166552 z^{56} + 1691437275750442725568 z^{54} \\ &+ 4879932947116987302018 z^{52} \\ &+ 11534386965481095498216 z^{50} \\ &+ 22427974655590947657690 z^{48} \\ &+ 35986849802488132117920 z^{46} \\ &+ 47751781469182142643900 z^{44} \\ &+ 52465952693898898379280 z^{42} \\ &+ 47751781469182142643900 z^{40} \\ &+ 35986849802488132117920 z^{38} \end{aligned} $	$\{[42, \sqrt{21}]\}$

		$+22427974655590947657690 z^{36}$ $+11534386965481095498216 z^{34}$ $+4879932947116987302018 z^{32}$ $+1691437275750442725568 z^{30} + 477776113674539166552 z^{28}$ $+109255517791726148640 z^{26} + 20061041418572723352 z^{24}$ $+2927999693068728768 z^{22} + 335499966955616925 z^{20}$ $+29717945181372868 z^{18} + 1995981539839497 z^{16}$ $+99179177586480 z^{14} + 3531031819322 z^{12} + 86281539288 z^{10}$ $+1362403098 z^8 + 12697776 z^6 + 60669 z^4 + 84 z^2 + 1$	
		$z^{84} + 252 z^{82} + 1372 z^{81} + 36729 z^{80} + 481572 z^{79} + 6312264 z^{78}$ $+ 70791084 z^{77} + 680656158 z^{76} + 5752102356 z^{75}$ $+ 43146236952 z^{74} + 290220627060 z^{73} + 1765507440606 z^{72}$ $+ 9778237248780 z^{71} + 49589474328072 z^{70}$ $+ 231418123739460 z^{69} + 997991546740965 z^{68}$ $+ 3991962798670140 z^{67} + 14858970678744780 z^{66}$ $+ 51615379686190320 z^{65} + 167749982484056973 z^{64}$ $+ 511238041293442320 z^{63} + 1463999868629180064 z^{62}$ $+ 3946434376330620720 z^{61} + 10030520634550322088 z^{60}$ $+ 24073249691859011280 z^{59} + 54627759019558994976 z^{58}$ $+ 117348519119376665232 z^{57} + 238888056805797201960 z^{56}$ $+ 461301075261919515504 z^{55} + 845718637496144577312 z^{54}$ $+ 1473187304717889968592 z^{53}$ $+ 2439966474625205962674 z^{52}$ $+ 3844795655201875408944 z^{51}$ $+ 5767193481206749333560 z^{50}$ $+ 8238847832705558919240 z^{49}$ $+ 11213987328846095836770 z^{48}$ $+ 14547875451951746955960 z^{47}$ $+ 17993424901839546846960 z^{46}$ $+ 21223013986412881370280 z^{45}$ $+ 23875890732030415547700 z^{44}$	

{[84, 2, 78]}	$x^6+x^5+x^3+x+1$	$ \begin{aligned} &+25622907129598701688920 z^{43} \\ &+26232976350396210122640 z^{42} \\ &+25622907129598701688920 z^{41} \\ &+23875890732030415547700 z^{40} \\ &+21223013986412881370280 z^{39} \\ &+17993424901839546846960 z^{38} \\ &+14547875451951746955960 z^{37} \\ &+11213987328846095836770 z^{36} \\ &+8238847832705558919240 z^{35} \\ &+5767193481206749333560 z^{34} \\ &+3844795655201875408944 z^{33} \\ &+2439966474625205962674 z^{32} \\ &+1473187304717889968592 z^{31} + 845718637496144577312 z^{30} \\ &+461301075261919515504 z^{29} + 238888056805797201960 z^{28} \\ &+117348519119376665232 z^{27} + 54627759019558994976 z^{26} \\ &+24073249691859011280 z^{25} + 10030520634550322088 z^{24} \\ &+3946434376330620720 z^{23} + 1463999868629180064 z^{22} \\ &+511238041293442320 z^{21} + 167749982484056973 z^{20} \\ &+51615379686190320 z^{19} + 14858970678744780 z^{18} \\ &+3991962798670140 z^{17} + 997991546740965 z^{16} \\ &+231418123739460 z^{15} + 49589474328072 z^{14} \\ &+9778237248780 z^{13} + 1765507440606 z^{12} + 290220627060 z^{11} \\ &+43146236952 z^{10} + 5752102356 z^9 + 680656158 z^8 \\ &+70791084 z^7 + 6312264 z^6 + 481572 z^5 + 36729 z^4 + 1372 z^3 \\ &+252 z^2 + 1 \end{aligned} $	{[42, $\sqrt{21}$]}
		$ \begin{aligned} &z^{84} + 126 z^{82} + 61341 z^{80} + 12697608 z^{78} + 1362254586 z^{76} \\ &+ 86282949060 z^{74} + 3531026568986 z^{72} + 99179182396872 z^{70} \\ &+ 1995981552489897 z^{68} + 29717945322481318 z^{66} \\ &+ 335499965267018013 z^{64} + 2927999701210602144 z^{62} \\ &+ 20061041394151305240 z^{60} + 109255517842027981872 z^{58} \\ &+ 477776113602162192600 z^{56} + 1691437275822822796576 z^{54} \end{aligned} $	

{ [84, 2, 78] }	$x^6 + x^5 + x^2 + 1$	$ \begin{aligned} &+4879932947053697860866 z^{52} \\ &+11534386965601726778076 z^{50} \\ &+22427974655247557075610 z^{48} \\ &+35986849803226622386800 z^{46} \\ &+47751781468038034964220 z^{44} \\ &+52465952695217247952920 z^{42} \\ &+47751781468038034964220 z^{40} \\ &+35986849803226622386800 z^{38} \\ &+22427974655247557075610 z^{36} \\ &+11534386965601726778076 z^{34} \\ &+4879932947053697860866 z^{32} \\ &+1691437275822822796576 z^{30} + 477776113602162192600 z^{28} \\ &+109255517842027981872 z^{26} + 20061041394151305240 z^{24} \\ &+2927999701210602144 z^{22} + 335499965267018013 z^{20} \\ &+29717945322481318 z^{18} + 1995981552489897 z^{16} \\ &+99179182396872 z^{14} + 3531026568986 z^{12} + 86282949060 z^{10} \\ &+1362254586 z^8 + 12697608 z^6 + 61341 z^4 + 126 z^2 + 1 \end{aligned} $	{ [42, $\sqrt{21}$] }
{ [88, 2, 82] }	$x^6 + x^4 + x^2 + 1$	$ \begin{aligned} &z^{88} + 440 z^{86} + 116622 z^{84} + 18536056 z^{82} + 2028175127 z^{80} \\ &+ 141055456784 z^{78} + 6416953538996 z^{76} \\ &+ 200998995524624 z^{74} + 4524180839052611 z^{72} \\ &+ 75580032330585112 z^{70} + 960662111878452214 z^{68} \\ &+ 9473545569932590168 z^{66} + 73625919489942549301 z^{64} \\ &+ 456707232296701000384 z^{62} + 2284744420690981481584 z^{60} \\ &+ 9296546242798467514048 z^{58} \\ &+ 30982239706065429393370 z^{56} \\ &+ 85049285642390345114608 z^{54} \\ &+ 193183377363312823272060 z^{52} \\ &+ 364382870811016921015152 z^{50} \\ &+ 572267970548516515670166 z^{48} \\ &+ 749730860358284895741024 z^{46} \\ &+ 820265792929882589263800 z^{44} \end{aligned} $	{ [44, $\sqrt{22}$] }

		$+749730860358284895741024 z^{42}$ $+572267970548516515670166 z^{40}$ $+364382870811016921015152 z^{38}$ $+193183377363312823272060 z^{36}$ $+85049285642390345114608 z^{34}$ $+30982239706065429393370 z^{32}$ $+9296546242798467514048 z^{30}$ $+2284744420690981481584 z^{28} + 456707232296701000384 z^{26}$ $+73625919489942549301 z^{24} + 9473545569932590168 z^{22}$ $+960662111878452214 z^{20} + 75580032330585112 z^{18}$ $+4524180839052611 z^{16} + 200998995524624 z^{14}$ $+6416953538996 z^{12} + 141055456784 z^{10} + 2028175127 z^8$ $+18536056 z^6 + 116622 z^4 + 440 z^2 + 1$	
$\{[90, 2, 84]\}$	$x^6 + 1$	$11390625 z^{84} + 2073093750 z^{82} + 170892028125 z^{80}$ $+8462741625000 z^{78} + 281861404256250 z^{76}$ $+6707340661612500 z^{74} + 118433817110316250 z^{72}$ $+1593180166934385000 z^{70} + 16655607957199199625 z^{68}$ $+137469062773449234750 z^{66} + 907297921203201097245 z^{64}$ $+4838923705688967716640 z^{62}$ $+21035405255984753134104 z^{60}$ $+75065855460428261130480 z^{58}$ $+221183371205260812590040 z^{56}$ $+540670475741729956873120 z^{54}$ $+1100568165014760841031490 z^{52}$ $+1870965865973888829957708 z^{50}$ $+2661943368518427431809050 z^{48}$ $+3174072014158432674116400 z^{46}$ $+3174071950417565751925500 z^{44}$ $+2661943325229300333243000 z^{42}$ $+1870965924424148131049340 z^{40}$ $+1100568182320989195793200 z^{38}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+540670441211236900405850 z^{36}$ $+221183367541659698445900 z^{34}$ $+75065868951854845378050 z^{32}$ $+21035405646899264603040 z^{30}$ $+4838920157856729245400 z^{28} + 907297803324056617200 z^{26}$ $+137469683023200274200 z^{24} + 16655671320269594400 z^{22}$ $+1593116081436813885 z^{20} + 118419188467961150 z^{18}$ $+6709363132782825 z^{16} + 283051850158440 z^{14}$ $+8655866043930 z^{12} + 186660749268 z^{10} + 2769959610 z^8$ $+27482280 z^6 + 173565 z^4 + 630 z^2 + 1$	
		$z^{90} + 405 z^{88} + 3000 z^{87} + 74790 z^{86} + 918000 z^{85} + 11336790 z^{84}$ $+ 125587800 z^{83} + 1247110155 z^{82} + 11160251200 z^{81}$ $+ 89714391759 z^{80} + 650606272560 z^{79} + 4279782706740 z^{78}$ $+ 25675155954720 z^{77} + 141217404272820 z^{76}$ $+ 715535837535024 z^{75} + 3354160360179195 z^{74}$ $+ 14600573972193600 z^{73} + 59213450216904615 z^{72}$ $+ 224387411553847800 z^{71} + 796574191152872286 z^{70}$ $+ 2655246032300919600 z^{69} + 8327817521532436590 z^{68}$ $+ 24621377707226698200 z^{67} + 68734687685275586745 z^{66}$ $+ 181459581974576550144 z^{65} + 453648945905816098005 z^{64}$ $+ 1075315988935211430720 z^{63}$ $+ 2419460940926316184560 z^{62}$ $+ 5172640632318297778560 z^{61}$ $+ 10517702687173541761776 z^{60}$ $+ 20356844032177285780800 z^{59}$ $+ 37532931246153258389370 z^{58}$ $+ 65966969944678473504000 z^{57}$ $+ 110591684639419393475010 z^{56}$ $+ 176946695227326401109360 z^{55}$ $+ 270335228918290002636780 z^{54}$ $+ 394543307513551428338400 z^{53}$	

$\{[90, 2, 84]\}$

$x^6 + x^3 + 1$

$+550284087272998536282060 z^{52}$
 $+733712116355915526126000 z^{51}$
 $+935482947749742944880702 z^{50}$
 $+1140832862415017830419840 z^{49}$
 $+1330971672627756477022950 z^{48}$
 $+1485735821134802481998880 z^{47}$
 $+1587035991637553714220600 z^{46}$
 $+1622303458556442491212992 z^{45}$
 $+1587035991637553714220600 z^{44}$
 $+1485735821134802481998880 z^{43}$
 $+1330971672627756477022950 z^{42}$
 $+1140832862415017830419840 z^{41}$
 $+935482947749742944880702 z^{40}$
 $+733712116355915526126000 z^{39}$
 $+550284087272998536282060 z^{38}$
 $+394543307513551428338400 z^{37}$
 $+270335228918290002636780 z^{36}$
 $+176946695227326401109360 z^{35}$
 $+110591684639419393475010 z^{34}$
 $+65966969944678473504000 z^{33}$
 $+37532931246153258389370 z^{32}$
 $+20356844032177285780800 z^{31}$
 $+10517702687173541761776 z^{30}$
 $+5172640632318297778560 z^{29}$
 $+2419460940926316184560 z^{28}$
 $+1075315988935211430720 z^{27} + 453648945905816098005 z^{26}$
 $+181459581974576550144 z^{25} + 68734687685275586745 z^{24}$
 $+24621377707226698200 z^{23} + 8327817521532436590 z^{22}$
 $+2655246032300919600 z^{21} + 796574191152872286 z^{20}$
 $+224387411553847800 z^{19} + 59213450216904615 z^{18}$
 $+14600573972193600 z^{17} + 3354160360179195 z^{16}$

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

		$+715535837535024 z^{15} + 141217404272820 z^{14}$ $+25675155954720 z^{13} + 4279782706740 z^{12} + 650606272560 z^{11}$ $+89714391759 z^{10} + 11160251200 z^9 + 1247110155 z^8$ $+125587800 z^7 + 11336790 z^6 + 918000 z^5 + 74790 z^4 + 3000 z^3$ $+405 z^2 + 1$	
		$z^{90} + 225 z^{88} + 1080 z^{87} + 43290 z^{86} + 671760 z^{85} + 9715290 z^{84}$ $+ 116970840 z^{83} + 1210795335 z^{82} + 11034996160 z^{81}$ $+ 89387540775 z^{80} + 650062223280 z^{79} + 4279659447900 z^{78}$ $+ 25677970714080 z^{77} + 141228272186460 z^{76}$ $+ 715557286028976 z^{75} + 3354176017578195 z^{74}$ $+ 14600527197589440 z^{73} + 59213251960498035 z^{72}$ $+ 224387065964146680 z^{71} + 796574057182921170 z^{70}$ $+ 2655246878627405520 z^{69} + 8327819839699251090 z^{68}$ $+ 24621380242318249560 z^{67} + 68734686395360443605 z^{66}$ $+ 181459572528955196160 z^{65} + 453648931221992882805 z^{64}$ $+ 1075315984444067400000 z^{63}$ $+ 2419460965825938611280 z^{62}$ $+ 5172640685614029778560 z^{61}$ $+ 10517702725568687976528 z^{60}$ $+ 20356843987427788710720 z^{59}$ $+ 37532931103686603188250 z^{58}$ $+ 65966969811832244555520 z^{57}$ $+ 110591684685526186281690 z^{56}$ $+ 176946695506981482515568 z^{55}$ $+ 270335229239828345884500 z^{54}$ $+ 394543307531280053440800 z^{53}$ $+ 550284086832461567949780 z^{52}$ $+ 733712115774270119275440 z^{51}$ $+ 935482947600443749370550 z^{50}$ $+ 1140832862944260463440000 z^{49}$ $+ 1330971673436574283250550 z^{48}$	

{[90, 2, 84]}	$x^6+x^3+x^2+x+1$	$ \begin{aligned} &+1485735821483823050868000 z^{47} \\ &+1587035991144060583007400 z^{46} \\ &+1622303457638887729293120 z^{45} \\ &+1587035991144060583007400 z^{44} \\ &+1485735821483823050868000 z^{43} \\ &+1330971673436574283250550 z^{42} \\ &+1140832862944260463440000 z^{41} \\ &+935482947600443749370550 z^{40} \\ &+733712115774270119275440 z^{39} \\ &+550284086832461567949780 z^{38} \\ &+394543307531280053440800 z^{37} \\ &+270335229239828345884500 z^{36} \\ &+176946695506981482515568 z^{35} \\ &+110591684685526186281690 z^{34} \\ &+65966969811832244555520 z^{33} \\ &+37532931103686603188250 z^{32} \\ &+20356843987427788710720 z^{31} \\ &+10517702725568687976528 z^{30} \\ &+5172640685614029778560 z^{29} \\ &+2419460965825938611280 z^{28} \\ &+1075315984444067400000 z^{27}+453648931221992882805 z^{26} \\ &+181459572528955196160 z^{25}+68734686395360443605 z^{24} \\ &+24621380242318249560 z^{23}+8327819839699251090 z^{22} \\ &+2655246878627405520 z^{21}+796574057182921170 z^{20} \\ &+224387065964146680 z^{19}+59213251960498035 z^{18} \\ &+14600527197589440 z^{17}+3354176017578195 z^{16} \\ &+715557286028976 z^{15}+141228272186460 z^{14} \\ &+25677970714080 z^{13}+4279659447900 z^{12}+650062223280 z^{11} \\ &+89387540775 z^{10}+11034996160 z^9+1210795335 z^8 \\ &+116970840 z^7+9715290 z^6+671760 z^5+43290 z^4+1080 z^3 \\ &+225 z^2+1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
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{[90, 2, 84]}

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

$$\begin{aligned} & z^{90} + 225 z^{88} + 62730 z^{86} + 466560 z^{85} + 11315850 z^{84} + 107153280 z^{83} \\ & + 1259835975 z^{82} + 10832175360 z^{81} + 90080151975 z^{80} \\ & + 648151079040 z^{79} + 4283664142140 z^{78} + 25672932506880 z^{77} \\ & + 141225280561980 z^{76} + 715594163719296 z^{75} \\ & + 3354065919861075 z^{74} + 14600713228335360 z^{73} \\ & + 59213147369973875 z^{72} + 224386649748558720 z^{71} \\ & + 796575552415367490 z^{70} + 2655244446310608000 z^{69} \\ & + 8327821062555510210 z^{68} + 24621384636588326400 z^{67} \\ & + 68734673048238124245 z^{66} + 181459589655692620800 z^{65} \\ & + 453648929450173636725 z^{64} + 1075315946703449080320 z^{63} \\ & + 2419461042884829642960 z^{62} \\ & + 5172640623902374640640 z^{61} \\ & + 10517702677141425551568 z^{60} \\ & + 20356844194080798865920 z^{59} \\ & + 37532930845529028150810 z^{58} \\ & + 65966969863123359482880 z^{57} \\ & + 110591685045999111680730 z^{56} \\ & + 176946694869172254524928 z^{55} \\ & + 270335229632501139610420 z^{54} \\ & + 394543307905657527317760 z^{53} \\ & + 550284085746594280759860 z^{52} \\ & + 733712116767049069420800 z^{51} \\ & + 935482947669167815287990 z^{50} \\ & + 1140832861623135372602880 z^{49} \\ & + 1330971675052200977526390 z^{48} \\ & + 1485735820955927925661440 z^{47} \\ & + 1587035990034571122069480 z^{46} \\ & + 1622303459523473623354880 z^{45} \\ & + 1587035990034571122069480 z^{44} \\ & + 1485735820955927925661440 z^{43} \\ & + 1330971675052200977526390 z^{42} \end{aligned}$$

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

		$+1140832861623135372602880 z^{41}$ $+935482947669167815287990 z^{40}$ $+733712116767049069420800 z^{39}$ $+550284085746594280759860 z^{38}$ $+394543307905657527317760 z^{37}$ $+270335229632501139610420 z^{36}$ $+176946694869172254524928 z^{35}$ $+110591685045999111680730 z^{34}$ $+65966969863123359482880 z^{33}$ $+37532930845529028150810 z^{32}$ $+20356844194080798865920 z^{31}$ $+10517702677141425551568 z^{30}$ $+5172640623902374640640 z^{29}$ $+2419461042884829642960 z^{28}$ $+1075315946703449080320 z^{27} + 453648929450173636725 z^{26}$ $+181459589655692620800 z^{25} + 68734673048238124245 z^{24}$ $+24621384636588326400 z^{23} + 8327821062555510210 z^{22}$ $+2655244446310608000 z^{21} + 796575552415367490 z^{20}$ $+224386649748558720 z^{19} + 59213147369973875 z^{18}$ $+14600713228335360 z^{17} + 3354065919861075 z^{16}$ $+715594163719296 z^{15} + 141225280561980 z^{14}$ $+25672932506880 z^{13} + 4283664142140 z^{12} + 648151079040 z^{11}$ $+90080151975 z^{10} + 10832175360 z^9 + 1259835975 z^8$ $+107153280 z^7 + 11315850 z^6 + 466560 z^5 + 62730 z^4 + 225 z^2 + 1$	
		$135 z^{88} + 79470 z^{86} + 19464180 z^{84} + 2422263330 z^{82}$ $+178771090131 z^{80} + 8559292297980 z^{78}$ $+282456911668320 z^{76} + 6708350472732180 z^{74}$ $+118426505336380825 z^{72} + 1593148130454876462 z^{70}$ $+16655639589697540860 z^{68} + 137469373020798750450 z^{66}$ $+907297862202594529605 z^{64} + 4838921931196107346320 z^{62}$ $+21035405453654239761984 z^{60}$	

$\{[90, 2, 84]\}$	$x^6 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+75065862201830368409520 z^{58} \\ &+221183369378087662560870 z^{56} \\ &+540670458476128704859420 z^{54} \\ &+1100568173659371329773320 z^{52} \\ &+1870965895215780284954436 z^{50} \\ &+2661943346857004748047550 z^{48} \\ &+3174071982293931130780200 z^{46} \\ &+3174071982298047846144000 z^{44} \\ &+2661943346853231092297400 z^{42} \\ &+1870965895218950155784562 z^{40} \\ &+1100568173656932967596300 z^{38} \\ &+540670458477844589354360 z^{36} \\ &+221183369376984593956980 z^{34} \\ &+75065862202476994832490 z^{32} \\ &+21035405453309372336400 z^{30} \\ &+4838921931362978681280 z^{28} + 907297862129588320560 z^{26} \\ &+137469373049558772195 z^{24} + 16655639579546944950 z^{22} \\ &+1593148133645063748 z^{20} + 118426504450217690 z^{18} \\ &+6708350688285375 z^{16} + 282456866288700 z^{14} \\ &+8559300443040 z^{12} + 178769868372 z^{10} + 2422412325 z^8 \\ &+19449990 z^6 + 80460 z^4 + 90 z^2 + 1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &135 z^{88} + 79470 z^{86} + 19464180 z^{84} + 2422263330 z^{82} \\ &+ 178771090131 z^{80} + 8559292297980 z^{78} \\ &+ 282456911668320 z^{76} + 6708350472732180 z^{74} \\ &+ 118426505336380825 z^{72} + 1593148130454876462 z^{70} \\ &+ 16655639589697540860 z^{68} + 137469373020798750450 z^{66} \\ &+ 907297862202594529605 z^{64} + 4838921931196107346320 z^{62} \\ &+ 21035405453654239761984 z^{60} \\ &+ 75065862201830368409520 z^{58} \\ &+ 221183369378087662560870 z^{56} \\ &+ 540670458476128704859420 z^{54} \end{aligned} $	

$\{[90, 2, 84]\}$	$x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+1100568173659371329773320 z^{52} \\ &+1870965895215780284954436 z^{50} \\ &+2661943346857004748047550 z^{48} \\ &+3174071982293931130780200 z^{46} \\ &+3174071982298047846144000 z^{44} \\ &+2661943346853231092297400 z^{42} \\ &+1870965895218950155784562 z^{40} \\ &+1100568173656932967596300 z^{38} \\ &+540670458477844589354360 z^{36} \\ &+221183369376984593956980 z^{34} \\ &+75065862202476994832490 z^{32} \\ &+21035405453309372336400 z^{30} \\ &+4838921931362978681280 z^{28} + 907297862129588320560 z^{26} \\ &+137469373049558772195 z^{24} + 16655639579546944950 z^{22} \\ &+1593148133645063748 z^{20} + 118426504450217690 z^{18} \\ &+6708350688285375 z^{16} + 282456866288700 z^{14} \\ &+8559300443040 z^{12} + 178769868372 z^{10} + 2422412325 z^8 \\ &+19449990 z^6 + 80460 z^4 + 90 z^2 + 1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &z^{90} + 225 z^{88} + 1080 z^{87} + 43290 z^{86} + 671760 z^{85} + 9715290 z^{84} \\ &+ 116970840 z^{83} + 1210795335 z^{82} + 11034996160 z^{81} \\ &+ 89387540775 z^{80} + 650062223280 z^{79} + 4279659447900 z^{78} \\ &+ 25677970714080 z^{77} + 141228272186460 z^{76} \\ &+ 715557286028976 z^{75} + 3354176017578195 z^{74} \\ &+ 14600527197589440 z^{73} + 59213251960498035 z^{72} \\ &+ 224387065964146680 z^{71} + 796574057182921170 z^{70} \\ &+ 2655246878627405520 z^{69} + 8327819839699251090 z^{68} \\ &+ 24621380242318249560 z^{67} + 68734686395360443605 z^{66} \\ &+ 181459572528955196160 z^{65} + 453648931221992882805 z^{64} \\ &+ 1075315984444067400000 z^{63} \\ &+ 2419460965825938611280 z^{62} \\ &+ 5172640685614029778560 z^{61} \end{aligned} $	

$\{[90, 2, 84]\}$

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

$$\begin{aligned} &+10517702725568687976528 z^{60} \\ &+20356843987427788710720 z^{59} \\ &+37532931103686603188250 z^{58} \\ &+65966969811832244555520 z^{57} \\ &+110591684685526186281690 z^{56} \\ &+176946695506981482515568 z^{55} \\ &+270335229239828345884500 z^{54} \\ &+394543307531280053440800 z^{53} \\ &+550284086832461567949780 z^{52} \\ &+733712115774270119275440 z^{51} \\ &+935482947600443749370550 z^{50} \\ &+1140832862944260463440000 z^{49} \\ &+1330971673436574283250550 z^{48} \\ &+1485735821483823050868000 z^{47} \\ &+1587035991144060583007400 z^{46} \\ &+1622303457638887729293120 z^{45} \\ &+1587035991144060583007400 z^{44} \\ &+1485735821483823050868000 z^{43} \\ &+1330971673436574283250550 z^{42} \\ &+1140832862944260463440000 z^{41} \\ &+935482947600443749370550 z^{40} \\ &+733712115774270119275440 z^{39} \\ &+550284086832461567949780 z^{38} \\ &+394543307531280053440800 z^{37} \\ &+270335229239828345884500 z^{36} \\ &+176946695506981482515568 z^{35} \\ &+110591684685526186281690 z^{34} \\ &+65966969811832244555520 z^{33} \\ &+37532931103686603188250 z^{32} \\ &+20356843987427788710720 z^{31} \\ &+10517702725568687976528 z^{30} \end{aligned}$$

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

		$+5172640685614029778560 z^{29}$ $+2419460965825938611280 z^{28}$ $+1075315984444067400000 z^{27} + 453648931221992882805 z^{26}$ $+181459572528955196160 z^{25} + 68734686395360443605 z^{24}$ $+24621380242318249560 z^{23} + 8327819839699251090 z^{22}$ $+2655246878627405520 z^{21} + 796574057182921170 z^{20}$ $+224387065964146680 z^{19} + 59213251960498035 z^{18}$ $+14600527197589440 z^{17} + 3354176017578195 z^{16}$ $+715557286028976 z^{15} + 141228272186460 z^{14}$ $+25677970714080 z^{13} + 4279659447900 z^{12} + 650062223280 z^{11}$ $+89387540775 z^{10} + 11034996160 z^9 + 1210795335 z^8$ $+116970840 z^7 + 9715290 z^6 + 671760 z^5 + 43290 z^4 + 1080 z^3$ $+225 z^2 + 1$	
$\{[90, 2, 84]\}$	$x^6 + x^5 + x + 1$	$405 z^{88} + 124200 z^{86} + 22643190 z^{84} + 2519682120 z^{82}$ $+180160484751 z^{80} + 8567320319760 z^{78}$ $+282450622112820 z^{76} + 6708131687903760 z^{74}$ $+118426294133667815 z^{72} + 1593151111537051752 z^{70}$ $+16655642096027498190 z^{68} + 137469346173226985160 z^{66}$ $+907297858778706147285 z^{64} + 4838922085823625862080 z^{62}$ $+21035405354569699874544 z^{60}$ $+75065861690129773356480 z^{58}$ $+221183370093549468131010 z^{56}$ $+540670459263408471047760 z^{54}$ $+1100568171494007450152460 z^{52}$ $+1870965895338503642403216 z^{50}$ $+2661943350104156331933030 z^{48}$ $+3174071980068046920785760 z^{46}$ $+3174071980072163636149560 z^{44}$ $+2661943350100382676182880 z^{42}$ $+1870965895341673513233342 z^{40}$ $+1100568171491569087975440 z^{38}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+540670459265124355542700 z^{36}$ $+221183370092446399527120 z^{34}$ $+75065861690776399779450 z^{32}$ $+21035405354224832448960 z^{30}$ $+4838922085990497197040 z^{28} + 907297858705699938240 z^{26}$ $+137469346201987006905 z^{24} + 16655642085876902280 z^{22}$ $+1593151114727239038 z^{20} + 118426293247504680 z^{18}$ $+6708131903456955 z^{16} + 282450576733200 z^{14}$ $+8567328464820 z^{12} + 180159262992 z^{10} + 2519831115 z^8$ $+22629000 z^6 + 125190 z^4 + 360 z^2 + 1$	
		$z^{91} + 546 z^{89} + 132769 z^{87} + 18963672 z^{85} + 62748517 z^{84}$ $+ 1768649610 z^{83} + 9663271618 z^{82} + 113472214492 z^{81}$ $+ 681260649069 z^{80} + 5156284683186 z^{79} + 29183080286360 z^{78}$ $+ 169227194496984 z^{77} + 850764096520338 z^{76}$ $+ 4083030647829497 z^{75} + 17930753929118940 z^{74}$ $+ 73844785239457050 z^{73} + 283587466905844010 z^{72}$ $+ 1020889861226176305 z^{71} + 3452086044406273560 z^{70}$ $+ 10982513780625601760 z^{69} + 32949954992842012125 z^{68}$ $+ 93355609549372574040 z^{67} + 250193392977347061242 z^{66}$ $+ 635111850014491890768 z^{65} + 1528958984231988822877 z^{64}$ $+ 3494782955150603267320 z^{63}$ $+ 7592101269673413493728 z^{62}$ $+ 15690331603705651998560 z^{61}$ $+ 30874572230620876882488 z^{60}$ $+ 57889745806236380863554 z^{59}$ $+ 103499912252118082260560 z^{58}$ $+ 176558683637688044863716 z^{57}$ $+ 287538307203696681911064 z^{56}$ $+ 447282010297650072208482 z^{55}$ $+ 664878496976846199643232 z^{54}$ $+ 944827338788041046105040 z^{53}$	

$\{[91, 2, 85]\}$

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

$+1283996350464806796766858 z^{52}$
 $+1669194896629546467588316 z^{51}$
 $+2076315887105207920755492 z^{50}$
 $+2471804620258787731850920 z^{49}$
 $+2816707279302812669587450 z^{48}$
 $+3072772038058577368675980 z^{47}$
 $+3209339353210274861296720 z^{46}$
 $+3209339353210274861296720 z^{45}$
 $+3072772038058577368675980 z^{44}$
 $+2816707279302812669587450 z^{43}$
 $+2471804620258787731850920 z^{42}$
 $+2076315887105207920755492 z^{41}$
 $+1669194896629546467588316 z^{40}$
 $+1283996350464806796766858 z^{39}$
 $+944827338788041046105040 z^{38}$
 $+664878496976846199643232 z^{37}$
 $+447282010297650072208482 z^{36}$
 $+287538307203696681911064 z^{35}$
 $+176558683637688044863716 z^{34}$
 $+103499912252118082260560 z^{33}$
 $+57889745806236380863554 z^{32}$
 $+30874572230620876882488 z^{31}$
 $+15690331603705651998560 z^{30}$
 $+7592101269673413493728 z^{29}$
 $+3494782955150603267320 z^{28}$
 $+1528958984231988822877 z^{27} + 635111850014491890768 z^{26}$
 $+250193392977347061242 z^{25} + 93355609549372574040 z^{24}$
 $+32949954992842012125 z^{23} + 10982513780625601760 z^{22}$
 $+3452086044406273560 z^{21} + 1020889861226176305 z^{20}$
 $+283587466905844010 z^{19} + 73844785239457050 z^{18}$
 $+17930753929118940 z^{17} + 4083030647829497 z^{16}$

$\left\{ \left[\frac{91}{2}, \frac{\sqrt{91}}{2} \right] \right\}$

		$+850764096520338 z^{15} + 169227194496984 z^{14}$ $+29183080286360 z^{13} + 5156284683186 z^{12} + 681260649069 z^{11}$ $+113472214492 z^{10} + 9663271618 z^9 + 1768649610 z^8$ $+62748517 z^7 + 18963672 z^6 + 132769 z^4 + 546 z^2 + 1$	
$\{[93, 2, 87]\}$	$x^6 + x^2 + x + 1$	$4185 z^{90} + 1621269 z^{88} + 296090982 z^{86} + 30056950550 z^{84}$ $+1905094155363 z^{82} + 81112879785231 z^{80}$ $+2441112230502708 z^{78} + 53901908651669364 z^{76}$ $+898365156269249955 z^{74} + 11554687042496857831 z^{72}$ $+116734308730463530782 z^{70} + 939711184993883112174 z^{68}$ $+6098752363671689645217 z^{66}$ $+32221240934759210249685 z^{64}$ $+139694670377850691529712 z^{62}$ $+500307995610057210964464 z^{60}$ $+1488311180225329307021802 z^{58}$ $+3693961532891285471525826 z^{56}$ $+7677059056224875834555500 z^{54}$ $+13397404279810265885345868 z^{52}$ $+19673264756417083558432686 z^{50}$ $+24343181137972756474603110 z^{48}$ $+25401580317901261300839480 z^{46}$ $+22355982677730733589820600 z^{44}$ $+16587262441683891000294966 z^{42}$ $+10364029725892243992526782 z^{40}$ $+5443732785321872129513292 z^{38}$ $+2397834679246220251303916 z^{36}$ $+882896462844814858015890 z^{34}$ $+270658423855081172927610 z^{32}$ $+68738647328520917476080 z^{30}$ $+14375630571026870060784 z^{28}$ $+2457706176343592910477 z^{26} + 340475067051851513145 z^{24}$ $+37815339438779481774 z^{22} + 3323951069954907678 z^{20}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+227585838756653663 z^{18} + 11900421596162619 z^{16}$ $+463502278414260 z^{14} + 13018124457716 z^{12}$ $+252481155927 z^{10} + 3182648139 z^8 + 23809302 z^6 + 92070 z^4$ $+93 z^2 + 1$	
$\{[93, 2, 87]\}$	$x^6 + x^3 + x^2 + 1$	$4185 z^{90} + 1621269 z^{88} + 296090982 z^{86} + 30056950550 z^{84}$ $+ 1905094155363 z^{82} + 81112879785231 z^{80}$ $+ 2441112230502708 z^{78} + 53901908651669364 z^{76}$ $+ 898365156269249955 z^{74} + 11554687042496857831 z^{72}$ $+ 116734308730463530782 z^{70} + 939711184993883112174 z^{68}$ $+ 6098752363671689645217 z^{66}$ $+ 32221240934759210249685 z^{64}$ $+ 139694670377850691529712 z^{62}$ $+ 500307995610057210964464 z^{60}$ $+ 1488311180225329307021802 z^{58}$ $+ 3693961532891285471525826 z^{56}$ $+ 7677059056224875834555500 z^{54}$ $+ 13397404279810265885345868 z^{52}$ $+ 19673264756417083558432686 z^{50}$ $+ 24343181137972756474603110 z^{48}$ $+ 25401580317901261300839480 z^{46}$ $+ 22355982677730733589820600 z^{44}$ $+ 16587262441683891000294966 z^{42}$ $+ 10364029725892243992526782 z^{40}$ $+ 5443732785321872129513292 z^{38}$ $+ 2397834679246220251303916 z^{36}$ $+ 882896462844814858015890 z^{34}$ $+ 270658423855081172927610 z^{32}$ $+ 68738647328520917476080 z^{30}$ $+ 14375630571026870060784 z^{28}$ $+ 2457706176343592910477 z^{26} + 340475067051851513145 z^{24}$ $+ 37815339438779481774 z^{22} + 3323951069954907678 z^{20}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+227585838756653663 z^{18} + 11900421596162619 z^{16}$ $+463502278414260 z^{14} + 13018124457716 z^{12}$ $+252481155927 z^{10} + 3182648139 z^8 + 23809302 z^6 + 92070 z^4$ $+93 z^2 + 1$	
$\{[93, 2, 87]\}$	$x^6 + x^4 + x^3 + 1$	$4185 z^{90} + 1621269 z^{88} + 296090982 z^{86} + 30056950550 z^{84}$ $+ 1905094155363 z^{82} + 81112879785231 z^{80}$ $+ 2441112230502708 z^{78} + 53901908651669364 z^{76}$ $+ 898365156269249955 z^{74} + 11554687042496857831 z^{72}$ $+ 116734308730463530782 z^{70} + 939711184993883112174 z^{68}$ $+ 6098752363671689645217 z^{66}$ $+ 32221240934759210249685 z^{64}$ $+ 139694670377850691529712 z^{62}$ $+ 500307995610057210964464 z^{60}$ $+ 1488311180225329307021802 z^{58}$ $+ 3693961532891285471525826 z^{56}$ $+ 7677059056224875834555500 z^{54}$ $+ 13397404279810265885345868 z^{52}$ $+ 19673264756417083558432686 z^{50}$ $+ 24343181137972756474603110 z^{48}$ $+ 25401580317901261300839480 z^{46}$ $+ 22355982677730733589820600 z^{44}$ $+ 16587262441683891000294966 z^{42}$ $+ 10364029725892243992526782 z^{40}$ $+ 5443732785321872129513292 z^{38}$ $+ 2397834679246220251303916 z^{36}$ $+ 882896462844814858015890 z^{34}$ $+ 270658423855081172927610 z^{32}$ $+ 68738647328520917476080 z^{30}$ $+ 14375630571026870060784 z^{28}$ $+ 2457706176343592910477 z^{26} + 340475067051851513145 z^{24}$ $+ 37815339438779481774 z^{22} + 3323951069954907678 z^{20}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+227585838756653663 z^{18} + 11900421596162619 z^{16}$ $+463502278414260 z^{14} + 13018124457716 z^{12}$ $+252481155927 z^{10} + 3182648139 z^8 + 23809302 z^6 + 92070 z^4$ $+93 z^2 + 1$	
$\{[93, 2, 87]\}$	$x^6 + x^5 + x^4 + x^3 + x + 1$	$4185 z^{90} + 1621269 z^{88} + 296090982 z^{86} + 30056950550 z^{84}$ $+ 1905094155363 z^{82} + 81112879785231 z^{80}$ $+ 2441112230502708 z^{78} + 53901908651669364 z^{76}$ $+ 898365156269249955 z^{74} + 11554687042496857831 z^{72}$ $+ 116734308730463530782 z^{70} + 939711184993883112174 z^{68}$ $+ 6098752363671689645217 z^{66}$ $+ 32221240934759210249685 z^{64}$ $+ 139694670377850691529712 z^{62}$ $+ 500307995610057210964464 z^{60}$ $+ 1488311180225329307021802 z^{58}$ $+ 3693961532891285471525826 z^{56}$ $+ 7677059056224875834555500 z^{54}$ $+ 13397404279810265885345868 z^{52}$ $+ 19673264756417083558432686 z^{50}$ $+ 24343181137972756474603110 z^{48}$ $+ 25401580317901261300839480 z^{46}$ $+ 22355982677730733589820600 z^{44}$ $+ 16587262441683891000294966 z^{42}$ $+ 10364029725892243992526782 z^{40}$ $+ 5443732785321872129513292 z^{38}$ $+ 2397834679246220251303916 z^{36}$ $+ 882896462844814858015890 z^{34}$ $+ 270658423855081172927610 z^{32}$ $+ 68738647328520917476080 z^{30}$ $+ 14375630571026870060784 z^{28}$ $+ 2457706176343592910477 z^{26} + 340475067051851513145 z^{24}$ $+ 37815339438779481774 z^{22} + 3323951069954907678 z^{20}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+227585838756653663 z^{18} + 11900421596162619 z^{16}$ $+463502278414260 z^{14} + 13018124457716 z^{12}$ $+252481155927 z^{10} + 3182648139 z^8 + 23809302 z^6 + 92070 z^4$ $+93 z^2 + 1$	
$\{[93, 2, 87]\}$	$x^6 + x^5 + x^4 + 1$	$4185 z^{90} + 1621269 z^{88} + 296090982 z^{86} + 30056950550 z^{84}$ $+ 1905094155363 z^{82} + 81112879785231 z^{80}$ $+ 2441112230502708 z^{78} + 53901908651669364 z^{76}$ $+ 898365156269249955 z^{74} + 11554687042496857831 z^{72}$ $+ 116734308730463530782 z^{70} + 939711184993883112174 z^{68}$ $+ 6098752363671689645217 z^{66}$ $+ 32221240934759210249685 z^{64}$ $+ 139694670377850691529712 z^{62}$ $+ 500307995610057210964464 z^{60}$ $+ 1488311180225329307021802 z^{58}$ $+ 3693961532891285471525826 z^{56}$ $+ 7677059056224875834555500 z^{54}$ $+ 13397404279810265885345868 z^{52}$ $+ 19673264756417083558432686 z^{50}$ $+ 24343181137972756474603110 z^{48}$ $+ 25401580317901261300839480 z^{46}$ $+ 22355982677730733589820600 z^{44}$ $+ 16587262441683891000294966 z^{42}$ $+ 10364029725892243992526782 z^{40}$ $+ 5443732785321872129513292 z^{38}$ $+ 2397834679246220251303916 z^{36}$ $+ 882896462844814858015890 z^{34}$ $+ 270658423855081172927610 z^{32}$ $+ 68738647328520917476080 z^{30}$ $+ 14375630571026870060784 z^{28}$ $+ 2457706176343592910477 z^{26} + 340475067051851513145 z^{24}$ $+ 37815339438779481774 z^{22} + 3323951069954907678 z^{20}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+227585838756653663 z^{18} + 11900421596162619 z^{16}$ $+463502278414260 z^{14} + 13018124457716 z^{12}$ $+252481155927 z^{10} + 3182648139 z^8 + 23809302 z^6 + 92070 z^4$ $+93 z^2 + 1$	
$\{[93, 2, 87]\}$	$x^6 + x^5 + x^3 + x^2 + x + 1$	$4185 z^{90} + 1621269 z^{88} + 296090982 z^{86} + 30056950550 z^{84}$ $+ 1905094155363 z^{82} + 81112879785231 z^{80}$ $+ 2441112230502708 z^{78} + 53901908651669364 z^{76}$ $+ 898365156269249955 z^{74} + 11554687042496857831 z^{72}$ $+ 116734308730463530782 z^{70} + 939711184993883112174 z^{68}$ $+ 6098752363671689645217 z^{66}$ $+ 32221240934759210249685 z^{64}$ $+ 139694670377850691529712 z^{62}$ $+ 500307995610057210964464 z^{60}$ $+ 1488311180225329307021802 z^{58}$ $+ 3693961532891285471525826 z^{56}$ $+ 7677059056224875834555500 z^{54}$ $+ 13397404279810265885345868 z^{52}$ $+ 19673264756417083558432686 z^{50}$ $+ 24343181137972756474603110 z^{48}$ $+ 25401580317901261300839480 z^{46}$ $+ 22355982677730733589820600 z^{44}$ $+ 16587262441683891000294966 z^{42}$ $+ 10364029725892243992526782 z^{40}$ $+ 5443732785321872129513292 z^{38}$ $+ 2397834679246220251303916 z^{36}$ $+ 882896462844814858015890 z^{34}$ $+ 270658423855081172927610 z^{32}$ $+ 68738647328520917476080 z^{30}$ $+ 14375630571026870060784 z^{28}$ $+ 2457706176343592910477 z^{26} + 340475067051851513145 z^{24}$ $+ 37815339438779481774 z^{22} + 3323951069954907678 z^{20}$	$\left\{ \left[\frac{93}{2}, \frac{\sqrt{93}}{2} \right] \right\}$

		$+227585838756653663 z^{18} + 11900421596162619 z^{16}$ $+463502278414260 z^{14} + 13018124457716 z^{12}$ $+252481155927 z^{10} + 3182648139 z^8 + 23809302 z^6 + 92070 z^4$ $+93 z^2 + 1$	
$\{[96, 2, 90]\}$	$x^6 + 1$	$z^{96} + 720 z^{94} + 226920 z^{92} + 41160048 z^{90} + 4761472020 z^{88}$ $+ 369248608848 z^{86} + 19774238006680 z^{84}$ $+ 749888668683120 z^{82} + 20702851546340226 z^{80}$ $+ 427423766826037040 z^{78} + 6755549729583095160 z^{76}$ $+ 83349426854003394960 z^{74} + 815680052000847903940 z^{72}$ $+ 6415001971846196666160 z^{70}$ $+ 40984709525058582462600 z^{68}$ $+ 214627997309022364524048 z^{66}$ $+ 928179653306260032557295 z^{64}$ $+ 3335490453183782713957920 z^{62}$ $+ 10011765480236895077561744 z^{60}$ $+ 25207432464618634333968480 z^{58}$ $+ 53420367100165499043148584 z^{56}$ $+ 95548623690619804254818080 z^{54}$ $+ 144534967986325713991129200 z^{52}$ $+ 185172336435970731328783968 z^{50}$ $+ 201095844871063299530108700 z^{48}$ $+ 185172336435970731328783968 z^{46}$ $+ 144534967986325713991129200 z^{44}$ $+ 95548623690619804254818080 z^{42}$ $+ 53420367100165499043148584 z^{40}$ $+ 25207432464618634333968480 z^{38}$ $+ 10011765480236895077561744 z^{36}$ $+ 3335490453183782713957920 z^{34}$ $+ 928179653306260032557295 z^{32}$ $+ 214627997309022364524048 z^{30}$ $+ 40984709525058582462600 z^{28}$	$\{[48, 2\sqrt{6}]\}$

		$+6415001971846196666160 z^{26} + 815680052000847903940 z^{24}$ $+83349426854003394960 z^{22} + 6755549729583095160 z^{20}$ $+427423766826037040 z^{18} + 20702851546340226 z^{16}$ $+749888668683120 z^{14} + 19774238006680 z^{12}$ $+369248608848 z^{10} + 4761472020 z^8 + 41160048 z^6 + 226920 z^4$ $+720 z^2 + 1$	
$\{[96, 2, 90]\}$	$x^6 + x^4 + x^2 + 1$	$z^{96} + 528 z^{94} + 167400 z^{92} + 31926576 z^{90} + 4194246420 z^{88}$ $+ 352680206736 z^{86} + 19518660964888 z^{84}$ $+ 747790676842800 z^{82} + 20695446554660226 z^{80}$ $+ 427434074669546480 z^{78} + 6755704609840200696 z^{76}$ $+ 83349619654521908688 z^{74} + 815678711175645352900 z^{72}$ $+ 6414999211161260362224 z^{70}$ $+ 40984717347744948190728 z^{68}$ $+ 214628014428944950397520 z^{66}$ $+ 928179617650598764079343 z^{64}$ $+ 3335490391215696085061280 z^{62}$ $+ 10011765605531800687401104 z^{60}$ $+ 25207432600845822940505568 z^{58}$ $+ 53420366781663630485162280 z^{56}$ $+ 95548623519485543447025568 z^{54}$ $+ 144534968549199923983363440 z^{52}$ $+ 185172336518285658716819424 z^{50}$ $+ 201095844189781967410338588 z^{48}$ $+ 185172336518285658716819424 z^{46}$ $+ 144534968549199923983363440 z^{44}$ $+ 95548623519485543447025568 z^{42}$ $+ 53420366781663630485162280 z^{40}$ $+ 25207432600845822940505568 z^{38}$ $+ 10011765605531800687401104 z^{36}$ $+ 3335490391215696085061280 z^{34}$ $+ 928179617650598764079343 z^{32}$	$\{[48, 2\sqrt{6}]\}$

		$+214628014428944950397520 z^{30}$ $+40984717347744948190728 z^{28}$ $+6414999211161260362224 z^{26} + 815678711175645352900 z^{24}$ $+83349619654521908688 z^{22} + 6755704609840200696 z^{20}$ $+427434074669546480 z^{18} + 20695446554660226 z^{16}$ $+747790676842800 z^{14} + 19518660964888 z^{12}$ $+352680206736 z^{10} + 4194246420 z^8 + 31926576 z^6 + 167400 z^4$ $+528 z^2 + 1$	
$\{[96, 2, 90]\}$	$x^6 + x^5 + x^4 + x^2 + x + 1$	$z^{96} + 336 z^{94} + 126312 z^{92} + 29959408 z^{90} + 4160356884 z^{88}$ $+ 352559071440 z^{86} + 19520168279704 z^{84}$ $+ 747797022942960 z^{82} + 20695401316491138 z^{80}$ $+ 427433986288650416 z^{78} + 6755705502879969912 z^{76}$ $+ 83349619218383696400 z^{74} + 815678702677254945476 z^{72}$ $+ 6414999231352619914416 z^{70}$ $+ 40984717366606005150600 z^{68}$ $+ 214628014282438001669776 z^{66}$ $+ 928179617822527384502511 z^{64}$ $+ 3335490391487747495100192 z^{62}$ $+ 10011765604543205069982608 z^{60}$ $+ 25207432601610582751163232 z^{58}$ $+ 53420366782810592214761256 z^{56}$ $+ 95548623516521459083517984 z^{54}$ $+ 144534968550974225386254960 z^{52}$ $+ 185172336520339765744916832 z^{50}$ $+ 201095844185550351256274716 z^{48}$ $+ 185172336520339765744916832 z^{46}$ $+ 144534968550974225386254960 z^{44}$ $+ 95548623516521459083517984 z^{42}$ $+ 53420366782810592214761256 z^{40}$ $+ 25207432601610582751163232 z^{38}$ $+ 10011765604543205069982608 z^{36}$	$\{[48, 2\sqrt{6}]\}$

		$+3335490391487747495100192 z^{34}$ $+928179617822527384502511 z^{32}$ $+214628014282438001669776 z^{30}$ $+40984717366606005150600 z^{28}$ $+6414999231352619914416 z^{26} + 815678702677254945476 z^{24}$ $+83349619218383696400 z^{22} + 6755705502879969912 z^{20}$ $+427433986288650416 z^{18} + 20695401316491138 z^{16}$ $+747797022942960 z^{14} + 19520168279704 z^{12}$ $+352559071440 z^{10} + 4160356884 z^8 + 29959408 z^6 + 126312 z^4$ $+336 z^2 + 1$	
		$z^{96} + 336 z^{94} + 2048 z^{93} + 64872 z^{92} + 952320 z^{91} + 14476528 z^{90}$ $+ 186273792 z^{89} + 2070094356 z^{88} + 20258639872 z^{87}$ $+ 176258367696 z^{86} + 1377942091776 z^{85} + 9760499805848 z^{84}$ $+ 63067522086912 z^{83} + 373899508852464 z^{82}$ $+ 2043987952525312 z^{81} + 10347691524415362 z^{80}$ $+ 48695005653884928 z^{79} + 213716972389501104 z^{78}$ $+ 877364412163135488 z^{77} + 3377852931844612728 z^{76}$ $+ 12224610777973856256 z^{75} + 41674809676533510672 z^{74}$ $+ 134084169606364139520 z^{73} + 407839348925682801348 z^{72}$ $+ 1174577325972029706240 z^{71}$ $+ 3207499620329463780528 z^{70}$ $+ 8315739757178862446592 z^{69}$ $+ 20492358691533531411336 z^{68}$ $+ 48051047957747641853952 z^{67}$ $+ 107314007094783743866512 z^{66}$ $+ 228474982869841114202112 z^{65}$ $+ 464089808968817601790191 z^{64}$ $+ 900052962816649141321728 z^{63}$ $+ 1667745195806979514105632 z^{62}$ $+ 2954291489726358826045440 z^{61}$ $+ 5005882801992467509291920 z^{60}$	

$\{[96, 2, 90]\}$

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

+8117647787071701626769408 z^{59}
+12603716301084626785874784 z^{58}
+18743988345054307979993088 z^{57}
+26710183391570129058004776 z^{56}
+36482201705751507151724544 z^{55}
+47774311757600503729463328 z^{54}
+59995647323378270240550912 z^{53}
+72267484275975289085399664 z^{52}
+83509092941067731437203456 z^{51}
+92586168260494217676413280 z^{50}
+98495923681619546655375360 z^{49}
+100547922091970709397751580 z^{48}
+98495923681619546655375360 z^{47}
+92586168260494217676413280 z^{46}
+83509092941067731437203456 z^{45}
+72267484275975289085399664 z^{44}
+59995647323378270240550912 z^{43}
+47774311757600503729463328 z^{42}
+36482201705751507151724544 z^{41}
+26710183391570129058004776 z^{40}
+18743988345054307979993088 z^{39}
+12603716301084626785874784 z^{38}
+8117647787071701626769408 z^{37}
+5005882801992467509291920 z^{36}
+2954291489726358826045440 z^{35}
+1667745195806979514105632 z^{34}
+900052962816649141321728 z^{33}
+464089808968817601790191 z^{32}
+228474982869841114202112 z^{31}
+107314007094783743866512 z^{30}
+48051047957747641853952 z^{29}

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

		$+20492358691533531411336 z^{28}$ $+8315739757178862446592 z^{27}$ $+3207499620329463780528 z^{26}$ $+1174577325972029706240 z^{25} + 407839348925682801348 z^{24}$ $+134084169606364139520 z^{23} + 41674809676533510672 z^{22}$ $+12224610777973856256 z^{21} + 3377852931844612728 z^{20}$ $+877364412163135488 z^{19} + 213716972389501104 z^{18}$ $+48695005653884928 z^{17} + 10347691524415362 z^{16}$ $+2043987952525312 z^{15} + 373899508852464 z^{14}$ $+63067522086912 z^{13} + 9760499805848 z^{12}$ $+1377942091776 z^{11} + 176258367696 z^{10} + 20258639872 z^9$ $+2070094356 z^8 + 186273792 z^7 + 14476528 z^6 + 952320 z^5$ $+64872 z^4 + 2048 z^3 + 336 z^2 + 1$	
		$z^{98} + 294 z^{96} + 4802 z^{95} + 74235 z^{94} + 1181292 z^{93} + 17000893 z^{92}$ $+217717878 z^{91} + 2461033575 z^{90} + 24583893880 z^{89}$ $+218794278885 z^{88} + 1750572035394 z^{87} + 12692483414975 z^{86}$ $+83966854377588 z^{85} + 509797695808905 z^{84}$ $+2854858908548038 z^{83} + 14809562820920889 z^{82}$ $+71434350165607632 z^{81} + 321454631020658709 z^{80}$ $+1353493366737991710 z^{79} + 5346298950928291629 z^{78}$ $+19857681455079390468 z^{77} + 69501883987081451451 z^{76}$ $+229658398344881419914 z^{75} + 717682496194947963225 z^{74}$ $+2124340193924591966232 z^{73}$ $+5964493627048023801027 z^{72}$ $+15905316333405732704590 z^{71}$ $+40331337821650808644817 z^{70}$ $+97351505066956564649820 z^{69}$ $+223908461681351440614215 z^{68}$ $+491154045052286482524490 z^{67}$ $+1028353781869553333487048 z^{66}$ $+2056707563661271343628736 z^{65}$	

$\{[98, 2, 92]\}$

$x^6 + x^2 + 1$

$+3931940930350534664365985 z^{64}$
 $+7189834843967472026878548 z^{63}$
 $+12582210977141210063638798 z^{62}$
 $+21083704881047986240636664 z^{61}$
 $+33844894677616790892109986 z^{60}$
 $+52069068734254862794676060 z^{59}$
 $+76801876382290455036135334 z^{58}$
 $+108646556833509066560556144 z^{57}$
 $+147448898560690449240580594 z^{56}$
 $+192026472545028131228458772 z^{55}$
 $+240033090681100446993174870 z^{54}$
 $+288039708816094585015446984 z^{53}$
 $+331871838417479328785045754 z^{52}$
 $+367177353143164920378246588 z^{51}$
 $+390125937716245417366628130 z^{50}$
 $+398087691548114575873164000 z^{49}$
 $+390125937716245417366628130 z^{48}$
 $+367177353143164920378246588 z^{47}$
 $+331871838417479328785045754 z^{46}$
 $+288039708816094585015446984 z^{45}$
 $+240033090681100446993174870 z^{44}$
 $+192026472545028131228458772 z^{43}$
 $+147448898560690449240580594 z^{42}$
 $+108646556833509066560556144 z^{41}$
 $+76801876382290455036135334 z^{40}$
 $+52069068734254862794676060 z^{39}$
 $+33844894677616790892109986 z^{38}$
 $+21083704881047986240636664 z^{37}$
 $+12582210977141210063638798 z^{36}$
 $+7189834843967472026878548 z^{35}$
 $+3931940930350534664365985 z^{34}$

$\left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\}$

		$+2056707563661271343628736 z^{33}$ $+1028353781869553333487048 z^{32}$ $+491154045052286482524490 z^{31}$ $+223908461681351440614215 z^{30}$ $+97351505066956564649820 z^{29}$ $+40331337821650808644817 z^{28}$ $+15905316333405732704590 z^{27}$ $+5964493627048023801027 z^{26}$ $+2124340193924591966232 z^{25} + 717682496194947963225 z^{24}$ $+229658398344881419914 z^{23} + 69501883987081451451 z^{22}$ $+19857681455079390468 z^{21} + 5346298950928291629 z^{20}$ $+1353493366737991710 z^{19} + 321454631020658709 z^{18}$ $+71434350165607632 z^{17} + 14809562820920889 z^{16}$ $+2854858908548038 z^{15} + 509797695808905 z^{14}$ $+83966854377588 z^{13} + 12692483414975 z^{12}$ $+1750572035394 z^{11} + 218794278885 z^{10} + 24583893880 z^9$ $+2461033575 z^8 + 217717878 z^7 + 17000893 z^6 + 1181292 z^5$ $+74235 z^4 + 4802 z^3 + 294 z^2 + 1$	
		$z^{98} + 294 z^{96} + 4802 z^{95} + 74235 z^{94} + 1181292 z^{93} + 17000893 z^{92}$ $+ 217717878 z^{91} + 2461033575 z^{90} + 24583893880 z^{89}$ $+ 218794278885 z^{88} + 1750572035394 z^{87} + 12692483414975 z^{86}$ $+ 83966854377588 z^{85} + 509797695808905 z^{84}$ $+ 2854858908548038 z^{83} + 14809562820920889 z^{82}$ $+ 71434350165607632 z^{81} + 321454631020658709 z^{80}$ $+ 1353493366737991710 z^{79} + 5346298950928291629 z^{78}$ $+ 19857681455079390468 z^{77} + 69501883987081451451 z^{76}$ $+ 229658398344881419914 z^{75} + 717682496194947963225 z^{74}$ $+ 2124340193924591966232 z^{73}$ $+ 5964493627048023801027 z^{72}$ $+ 15905316333405732704590 z^{71}$ $+ 40331337821650808644817 z^{70}$	

$\{[98, 2, 92]\}$

$x^6 + x^4 + 1$

+97351505066956564649820 z^{69}
+223908461681351440614215 z^{68}
+491154045052286482524490 z^{67}
+1028353781869553333487048 z^{66}
+2056707563661271343628736 z^{65}
+3931940930350534664365985 z^{64}
+7189834843967472026878548 z^{63}
+12582210977141210063638798 z^{62}
+21083704881047986240636664 z^{61}
+33844894677616790892109986 z^{60}
+52069068734254862794676060 z^{59}
+76801876382290455036135334 z^{58}
+108646556833509066560556144 z^{57}
+147448898560690449240580594 z^{56}
+192026472545028131228458772 z^{55}
+240033090681100446993174870 z^{54}
+288039708816094585015446984 z^{53}
+331871838417479328785045754 z^{52}
+367177353143164920378246588 z^{51}
+390125937716245417366628130 z^{50}
+398087691548114575873164000 z^{49}
+390125937716245417366628130 z^{48}
+367177353143164920378246588 z^{47}
+331871838417479328785045754 z^{46}
+288039708816094585015446984 z^{45}
+240033090681100446993174870 z^{44}
+192026472545028131228458772 z^{43}
+147448898560690449240580594 z^{42}
+108646556833509066560556144 z^{41}
+76801876382290455036135334 z^{40}
+52069068734254862794676060 z^{39}

$\left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\}$

		$+33844894677616790892109986 z^{38}$ $+21083704881047986240636664 z^{37}$ $+12582210977141210063638798 z^{36}$ $+7189834843967472026878548 z^{35}$ $+3931940930350534664365985 z^{34}$ $+2056707563661271343628736 z^{33}$ $+1028353781869553333487048 z^{32}$ $+491154045052286482524490 z^{31}$ $+223908461681351440614215 z^{30}$ $+97351505066956564649820 z^{29}$ $+40331337821650808644817 z^{28}$ $+15905316333405732704590 z^{27}$ $+5964493627048023801027 z^{26}$ $+2124340193924591966232 z^{25} + 717682496194947963225 z^{24}$ $+229658398344881419914 z^{23} + 69501883987081451451 z^{22}$ $+19857681455079390468 z^{21} + 5346298950928291629 z^{20}$ $+1353493366737991710 z^{19} + 321454631020658709 z^{18}$ $+71434350165607632 z^{17} + 14809562820920889 z^{16}$ $+2854858908548038 z^{15} + 509797695808905 z^{14}$ $+83966854377588 z^{13} + 12692483414975 z^{12}$ $+1750572035394 z^{11} + 218794278885 z^{10} + 24583893880 z^9$ $+2461033575 z^8 + 217717878 z^7 + 17000893 z^6 + 1181292 z^5$ $+74235 z^4 + 4802 z^3 + 294 z^2 + 1$	
		$z^{98} + 637 z^{96} + 180908 z^{94} + 30221828 z^{92} + 105413504 z^{91}$ $+ 3303038648 z^{90} + 19185257728 z^{89} + 248975170080 z^{88}$ $+ 1601969020288 z^{87} + 13337442521676 z^{86}$ $+ 81488011824128 z^{85} + 518231840684292 z^{84}$ $+ 2829554180520704 z^{83} + 14876003001394262 z^{82}$ $+ 71284310575482368 z^{81} + 321735378090795942 z^{80}$ $+ 1353098564304759552 z^{79} + 5346557788519047828 z^{78}$ $+ 19858304319594703872 z^{77} + 69498985262384896764 z^{76}$	

{ [98, 2, 92] }

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

$$\begin{aligned}
& +229665135329963878272 z^{75} + 717672023442761237760 z^{74} \\
& +2124349302473717958912 z^{73} \\
& +5964498911338694106744 z^{72} \\
& +15905278017793520696704 z^{71} \\
& +40331420038623053900308 z^{70} \\
& +97351400416461949628416 z^{69} \\
& +223908513985259046217820 z^{68} \\
& +491154159828053500040192 z^{67} \\
& +1028353419671801211544283 z^{66} \\
& +2056708099058180565157888 z^{65} \\
& +3931940531270519210084551 z^{64} \\
& +7189834647722804145402880 z^{63} \\
& +12582212067889380586928440 z^{62} \\
& +21083703151424852037578752 z^{61} \\
& +33844896084408913325656744 z^{60} \\
& +52069068915154594937763584 z^{59} \\
& +76801873955749891433667728 z^{58} \\
& +108646560715428616613358080 z^{57} \\
& +147448895440803739963084576 z^{56} \\
& +192026472478023164990262016 z^{55} \\
& +240033094759609790780270584 z^{54} \\
& +288039702554803610744825856 z^{53} \\
& +331871843157419312265678888 z^{52} \\
& +367177353142737938343449088 z^{51} \\
& +390125932580912008978792932 z^{50} \\
& +398087698885453083884282880 z^{49} \\
& +390125932580912008978792932 z^{48} \\
& +367177353142737938343449088 z^{47} \\
& +331871843157419312265678888 z^{46} \\
& +288039702554803610744825856 z^{45} \\
& +240033094759609790780270584 z^{44}
\end{aligned}$$

$$\left\{ \left[49, \frac{7\sqrt{2}}{2} \right] \right\}$$

		$+192026472478023164990262016 z^{43}$ $+147448895440803739963084576 z^{42}$ $+108646560715428616613358080 z^{41}$ $+76801873955749891433667728 z^{40}$ $+52069068915154594937763584 z^{39}$ $+33844896084408913325656744 z^{38}$ $+21083703151424852037578752 z^{37}$ $+12582212067889380586928440 z^{36}$ $+7189834647722804145402880 z^{35}$ $+3931940531270519210084551 z^{34}$ $+2056708099058180565157888 z^{33}$ $+1028353419671801211544283 z^{32}$ $+491154159828053500040192 z^{31}$ $+223908513985259046217820 z^{30}$ $+97351400416461949628416 z^{29}$ $+40331420038623053900308 z^{28}$ $+15905278017793520696704 z^{27}$ $+5964498911338694106744 z^{26}$ $+2124349302473717958912 z^{25} + 717672023442761237760 z^{24}$ $+229665135329963878272 z^{23} + 69498985262384896764 z^{22}$ $+19858304319594703872 z^{21} + 5346557788519047828 z^{20}$ $+1353098564304759552 z^{19} + 321735378090795942 z^{18}$ $+71284310575482368 z^{17} + 14876003001394262 z^{16}$ $+2829554180520704 z^{15} + 518231840684292 z^{14}$ $+81488011824128 z^{13} + 13337442521676 z^{12}$ $+1601969020288 z^{11} + 248975170080 z^{10} + 19185257728 z^9$ $+3303038648 z^8 + 105413504 z^7 + 30221828 z^6 + 180908 z^4$ $+637 z^2 + 1$	
		$z^{99} + 495 z^{97} + 3993 z^{96} + 111870 z^{95} + 1497375 z^{94} + 20601141 z^{93}$ $+ 251582958 z^{92} + 2765533320 z^{91} + 27423294437 z^{90}$ $+ 244650170655 z^{89} + 1972520885016 z^{88} + 14448169550562 z^{87}$	

{[99, 2, 93]}

$x^6 + x^3 + 1$

+96659026064271 z^{86} +593731313851005 z^{85}
+3364542236616594 z^{84} +17664203821385682 z^{83}
+86243764572774765 z^{82} +392889557674467073 z^{81}
+1674950240008587762 z^{80} +6699796007965707834 z^{79}
+25203981907468532817 z^{78} +89359556236618658859 z^{77}
+299160254479873505994 z^{76} +947340860838268948920 z^{75}
+2842022700430483896315 z^{74}
+8088833934605787782265 z^{73}
+21869810168404099603944 z^{72}
+56236654281935171493702 z^{71}
+137682842600656671605001 z^{70}
+321259965906411720857691 z^{69}
+715062505906572988689558 z^{68}
+1519507827283103752718151 z^{67}
+3085061347828101972915819 z^{66}
+5988648497154877179662454 z^{65}
+11121775774912238808517695 z^{64}
+19772045816123860926735948 z^{63}
+33665915849808289352258646 z^{62}
+54928599554874761645571378 z^{61}
+85913963419708128255227820 z^{60}
+128870945133491819324276496 z^{59}
+185448433227315710772907026 z^{58}
+256095455384526591369674358 z^{57}
+339475371077564754909631920 z^{56}
+432059563204545997165572468 z^{55}
+528072799505787489502248150 z^{54}
+619911547269168175672469346 z^{53}
+699049191593107053650010708 z^{52}
+757303290856795129235438364 z^{51}
+788213629225757134524398274 z^{50}

$+788213629225757134524398274 z^{49}$
 $+757303290856795129235438364 z^{48}$
 $+699049191593107053650010708 z^{47}$
 $+619911547269168175672469346 z^{46}$
 $+528072799505787489502248150 z^{45}$
 $+432059563204545997165572468 z^{44}$
 $+339475371077564754909631920 z^{43}$
 $+256095455384526591369674358 z^{42}$
 $+185448433227315710772907026 z^{41}$
 $+128870945133491819324276496 z^{40}$
 $+85913963419708128255227820 z^{39}$
 $+54928599554874761645571378 z^{38}$
 $+33665915849808289352258646 z^{37}$
 $+19772045816123860926735948 z^{36}$
 $+11121775774912238808517695 z^{35}$
 $+5988648497154877179662454 z^{34}$
 $+3085061347828101972915819 z^{33}$
 $+1519507827283103752718151 z^{32}$
 $+715062505906572988689558 z^{31}$
 $+321259965906411720857691 z^{30}$
 $+137682842600656671605001 z^{29}$
 $+56236654281935171493702 z^{28}$
 $+21869810168404099603944 z^{27}$
 $+8088833934605787782265 z^{26}$
 $+2842022700430483896315 z^{25} + 947340860838268948920 z^{24}$
 $+299160254479873505994 z^{23} + 89359556236618658859 z^{22}$
 $+25203981907468532817 z^{21} + 6699796007965707834 z^{20}$
 $+1674950240008587762 z^{19} + 392889557674467073 z^{18}$
 $+86243764572774765 z^{17} + 17664203821385682 z^{16}$
 $+3364542236616594 z^{15} + 593731313851005 z^{14}$
 $+96659026064271 z^{13} + 14448169550562 z^{12}$

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

		$+1972520885016 z^{11} + 244650170655 z^{10} + 27423294437 z^9$ $+ 2765533320 z^8 + 251582958 z^7 + 20601141 z^6 + 1497375 z^5$ $+ 111870 z^4 + 3993 z^3 + 495 z^2 + 1$	
$\{[100, 2, 94]\}$	$x^6 + x^5 + x + 1$	$z^{100} + 450 z^{98} + 193225 z^{96} + 43587600 z^{94} + 6073036700 z^{92}$ $+ 546129678760 z^{90} + 32876124844300 z^{88}$ $+ 1380998431484400 z^{86} + 42057247630113850 z^{84}$ $+ 958259843050893700 z^{82} + 16749487955408178330 z^{80}$ $+ 229127183115571738800 z^{78} + 2493002285471828783900 z^{76}$ $+ 21861712174066461787400 z^{74}$ $+ 156212929149211632408300 z^{72}$ $+ 917885624061064296736080 z^{70}$ $+ 4469140658947854986399575 z^{68}$ $+ 18147419665040836773304350 z^{66}$ $+ 61787643232536241323494975 z^{64}$ $+ 177189030842270075201335200 z^{62}$ $+ 429569816943998009468827640 z^{60}$ $+ 883087777286736452879294800 z^{58}$ $+ 1543069868823195710002861400 z^{56}$ $+ 2295968693248887685398933600 z^{54}$ $+ 2912704964759830515117354700 z^{52}$ $+ 3152854517351052830715443512 z^{50}$ $+ 2912704964759830515117354700 z^{48}$ $+ 2295968693248887685398933600 z^{46}$ $+ 1543069868823195710002861400 z^{44}$ $+ 883087777286736452879294800 z^{42}$ $+ 429569816943998009468827640 z^{40}$ $+ 177189030842270075201335200 z^{38}$ $+ 61787643232536241323494975 z^{36}$ $+ 18147419665040836773304350 z^{34}$ $+ 4469140658947854986399575 z^{32}$ $+ 917885624061064296736080 z^{30}$	$\{[50, 5]\}$

		$+156212929149211632408300 z^{28}$ $+21861712174066461787400 z^{26}$ $+2493002285471828783900 z^{24} + 229127183115571738800 z^{22}$ $+16749487955408178330 z^{20} + 958259843050893700 z^{18}$ $+42057247630113850 z^{16} + 1380998431484400 z^{14}$ $+32876124844300 z^{12} + 546129678760 z^{10} + 6073036700 z^8$ $+43587600 z^6 + 193225 z^4 + 450 z^2 + 1$	
$\{[102, 2, 96]\}$	$x^6 + 1$	$24137569 z^{96} + 5793016560 z^{94} + 632018106696 z^{92}$ $+41605058732816 z^{90} + 1851660985934580 z^{88}$ $+59238114037520112 z^{86} + 1415918312308840440 z^{84}$ $+25979604040436314512 z^{82} + 373493620996200090402 z^{80}$ $+4276206275605354850320 z^{78}$ $+39512147580069322856856 z^{76}$ $+297909219977467758075120 z^{74}$ $+1849776682588479936215524 z^{72}$ $+9532316190437171013020304 z^{70}$ $+41034836366655998758284840 z^{68}$ $+148376759961906846632453104 z^{66}$ $+452728522905748011615849135 z^{64}$ $+1170129099244377911632740192 z^{62}$ $+2569935102684604901845770832 z^{60}$ $+4808440954274087323114803360 z^{58}$ $+7679568020763954952954924008 z^{56}$ $+10484516607829385450776455520 z^{54}$ $+12247627154158102082251084848 z^{52}$ $+12247627170604903674935046048 z^{50}$ $+10484516619173446578043488860 z^{48}$ $+7679568005242819924073036832 z^{46}$ $+4808440949490869506130382000 z^{44}$ $+2569935112546788861163624928 z^{42}$ $+1170129100286569238589478248 z^{40}$	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$

		$+452728518580503801359857440 z^{38}$ $+148376759927770505776949456 z^{36}$ $+41034837703149432558060000 z^{34}$ $+9532316171127056648634831 z^{32}$ $+1849776389087425185170096 z^{30}$ $+297909212550151145927400 z^{28}$ $+39512191884394942711632 z^{26}$ $+4276211415447738132260 z^{24} + 373489697028941228208 z^{22}$ $+25978584939179198808 z^{20} + 1415996785083463120 z^{18}$ $+59307172790785698 z^{16} + 1864490072141520 z^{14}$ $+42832086600504 z^{12} + 699301203504 z^{10} + 7908364980 z^8$ $+60093776 z^6 + 291720 z^4 + 816 z^2 + 1$	
$\{[104, 2, 98]\}$	$x^6 + x^4 + x^2 + 1$	$z^{104} + 624 z^{102} + 233194 z^{100} + 52560560 z^{98} + 8164809445 z^{96}$ $+ 816474189440 z^{94} + 54015170961960 z^{92}$ $+ 2484811386536960 z^{90} + 82932255758364870 z^{88}$ $+ 2074930991495259040 z^{86} + 39915094080138668820 z^{84}$ $+ 602355098799911186080 z^{82} + 7247903415982956575030 z^{80}$ $+ 70471921771828205604352 z^{78}$ $+ 559860266895916592838024 z^{76}$ $+ 3668050029268334453095040 z^{74}$ $+ 19974603077933323359754435 z^{72}$ $+ 91007282459904193135730640 z^{70}$ $+ 348861249466175310823528310 z^{68}$ $+ 1130449397260978333106997520 z^{66}$ $+ 3108735842390854839523500855 z^{64}$ $+ 7278991240850944893378763520 z^{62}$ $+ 14550287987775402827891302480 z^{60}$ $+ 24883101196284240191677524480 z^{58}$ $+ 36464331806501340263913799460 z^{56}$ $+ 45840874271024432925289791424 z^{54}$ $+ 49470807753769040488452648216 z^{52}$	$\{[52, \sqrt{26}]\}$

		$+45840874271024432925289791424 z^{50}$ $+36464331806501340263913799460 z^{48}$ $+24883101196284240191677524480 z^{46}$ $+14550287987775402827891302480 z^{44}$ $+7278991240850944893378763520 z^{42}$ $+3108735842390854839523500855 z^{40}$ $+1130449397260978333106997520 z^{38}$ $+348861249466175310823528310 z^{36}$ $+91007282459904193135730640 z^{34}$ $+19974603077933323359754435 z^{32}$ $+3668050029268334453095040 z^{30}$ $+559860266895916592838024 z^{28}$ $+70471921771828205604352 z^{26}$ $+7247903415982956575030 z^{24} + 602355098799911186080 z^{22}$ $+39915094080138668820 z^{20} + 2074930991495259040 z^{18}$ $+82932255758364870 z^{16} + 2484811386536960 z^{14}$ $+54015170961960 z^{12} + 816474189440 z^{10} + 8164809445 z^8$ $+52560560 z^6 + 233194 z^4 + 624 z^2 + 1$	
		$z^{105} + 315 z^{103} + 1715 z^{102} + 82845 z^{101} + 1466325 z^{100} + 25172875 z^{99}$ $+ 356008275 z^{98} + 4355201340 z^{97} + 46957218665 z^{96}$ $+ 450757948788 z^{95} + 3892854267540 z^{94} + 30494512336540 z^{93}$ $+ 218152405639980 z^{92} + 1433571415026660 z^{91}$ $+ 8697005415290948 z^{90} + 48920649935688090 z^{89}$ $+ 256113980244986220 z^{88} + 1252112854782836830 z^{87}$ $+ 5733358789605091470 z^{86} + 24653442583737906498 z^{85}$ $+ 99787744365747656930 z^{84} + 381007751335791726510 z^{83}$ $+ 1374941013856953951870 z^{82}$ $+ 4697715132438849407740 z^{81}$ $+ 15220597031120381064570 z^{80}$ $+ 46832606241846974810100 z^{79}$ $+ 137028736789310435971860 z^{78}$	

$\{[105, 2, 99]\}$

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

$$\begin{aligned}
&+381722909641594272921660 z^{77} \\
&+1013540139350154312894060 z^{76} \\
&+2567635019689824341787012 z^{75} \\
&+6212020209032238322156260 z^{74} \\
&+14365296733297603233473655 z^{73} \\
&+31777777622015417643548940 z^{72} \\
&+67294117317468752133804045 z^{71} \\
&+136510923701097068510959317 z^{70} \\
&+265437907196202443592326955 z^{69} \\
&+495005826934056792162192195 z^{68} \\
&+885799900829449880137544205 z^{67} \\
&+1521758803987668410802858885 z^{66} \\
&+2510902026580612000024331832 z^{65} \\
&+3980698334824739186344268415 z^{64} \\
&+6065826034016056206519975720 z^{63} \\
&+8887140468441052083021427560 z^{62} \\
&+12522788841898010240773923960 z^{61} \\
&+16975335985682903547458765592 z^{60} \\
&+22141742590018008572533101960 z^{59} \\
&+27794953464068768735817535560 z^{58} \\
&+33585568769083246890547740300 z^{57} \\
&+39068926935459442505391096600 z^{56} \\
&+43757198167718590193988399876 z^{55} \\
&+47189135278915516205497087140 z^{54} \\
&+49004102020405397074294918140 z^{53} \\
&+49004102020405397074294918140 z^{52} \\
&+47189135278915516205497087140 z^{51} \\
&+43757198167718590193988399876 z^{50} \\
&+39068926935459442505391096600 z^{49} \\
&+33585568769083246890547740300 z^{48} \\
&+27794953464068768735817535560 z^{47}
\end{aligned}$$

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

$$\begin{aligned}
&+22141742590018008572533101960 z^{46} \\
&+16975335985682903547458765592 z^{45} \\
&+12522788841898010240773923960 z^{44} \\
&+8887140468441052083021427560 z^{43} \\
&+6065826034016056206519975720 z^{42} \\
&+3980698334824739186344268415 z^{41} \\
&+2510902026580612000024331832 z^{40} \\
&+1521758803987668410802858885 z^{39} \\
&+885799900829449880137544205 z^{38} \\
&+495005826934056792162192195 z^{37} \\
&+265437907196202443592326955 z^{36} \\
&+136510923701097068510959317 z^{35} \\
&+67294117317468752133804045 z^{34} \\
&+31777777622015417643548940 z^{33} \\
&+14365296733297603233473655 z^{32} \\
&+6212020209032238322156260 z^{31} \\
&+2567635019689824341787012 z^{30} \\
&+1013540139350154312894060 z^{29} \\
&+381722909641594272921660 z^{28} \\
&+137028736789310435971860 z^{27} \\
&+46832606241846974810100 z^{26} \\
&+15220597031120381064570 z^{25} \\
&+4697715132438849407740 z^{24} \\
&+1374941013856953951870 z^{23} + 381007751335791726510 z^{22} \\
&+99787744365747656930 z^{21} + 24653442583737906498 z^{20} \\
&+5733358789605091470 z^{19} + 1252112854782836830 z^{18} \\
&+256113980244986220 z^{17} + 48920649935688090 z^{16} \\
&+8697005415290948 z^{15} + 1433571415026660 z^{14} \\
&+218152405639980 z^{13} + 30494512336540 z^{12} \\
&+3892854267540 z^{11} + 450757948788 z^{10} + 46957218665 z^9 \\
&+4355201340 z^8 + 356008275 z^7 + 25172875 z^6 + 1466325 z^5
\end{aligned}$$

		$+82845 z^4 + 1715 z^3 + 315 z^2 + 1$	
		$z^{105} + 210 z^{103} + 3500 z^{102} + 73605 z^{101} + 1504125 z^{100} + 25133500 z^{99}$ $+ 355532850 z^{98} + 4356733500 z^{97} + 46956130025 z^{96}$ $+ 450756957000 z^{95} + 3892883272320 z^{94} + 30494394639100 z^{93}$ $+ 218152367036940 z^{92} + 1433572231778400 z^{91}$ $+ 8697004345403528 z^{90} + 48920649466242330 z^{89}$ $+ 256113986787148140 z^{88} + 1252112832211323460 z^{87}$ $+ 5733358785908974920 z^{86} + 24653442735305994834 z^{85}$ $+ 99787744235953924850 z^{84} + 381007750854276047880 z^{83}$ $+ 1374941014608213538500 z^{82}$ $+ 4697715133006895308540 z^{81}$ $+ 15220597029174801371898 z^{80}$ $+ 46832606243721165750120 z^{79}$ $+ 137028736790220534346080 z^{78}$ $+ 381722909630405669040540 z^{77}$ $+ 1013540139362363179268940 z^{76}$ $+ 2567635019717720599847424 z^{75}$ $+ 6212020208981456155531560 z^{74}$ $+ 14365296733262042565456375 z^{73}$ $+ 31777777622118812708663820 z^{72}$ $+ 67294117317467281580391150 z^{71}$ $+ 136510923701013131294665956 z^{70}$ $+ 265437907196297644260346755 z^{69}$ $+ 495005826933881517222209115 z^{68}$ $+ 885799900829299009154417460 z^{67}$ $+ 1521758803988456481681720270 z^{66}$ $+ 2510902026580562655145778232 z^{65}$ $+ 3980698334823184469730107775 z^{64}$ $+ 6065826034016712643380316560 z^{63}$ $+ 8887140468442894768745040000 z^{62}$ $+ 12522788841896586859505530680 z^{61}$	

$$\{[105, 2, 99]\}$$

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

$$\begin{aligned}
&+16975335985681969259846874840 z^{60} \\
&+22141742590019623852756910400 z^{59} \\
&+27794953464067520499033526800 z^{58} \\
&+33585568769082741189135535500 z^{57} \\
&+39068926935463163465689157400 z^{56} \\
&+43757198167716780440587882296 z^{55} \\
&+47189135278910550159395903280 z^{54} \\
&+49004102020409533814957508060 z^{53} \\
&+49004102020409533814957508060 z^{52} \\
&+47189135278910550159395903280 z^{51} \\
&+43757198167716780440587882296 z^{50} \\
&+39068926935463163465689157400 z^{49} \\
&+33585568769082741189135535500 z^{48} \\
&+27794953464067520499033526800 z^{47} \\
&+22141742590019623852756910400 z^{46} \\
&+16975335985681969259846874840 z^{45} \\
&+12522788841896586859505530680 z^{44} \\
&+8887140468442894768745040000 z^{43} \\
&+6065826034016712643380316560 z^{42} \\
&+3980698334823184469730107775 z^{41} \\
&+2510902026580562655145778232 z^{40} \\
&+1521758803988456481681720270 z^{39} \\
&+885799900829299009154417460 z^{38} \\
&+495005826933881517222209115 z^{37} \\
&+265437907196297644260346755 z^{36} \\
&+136510923701013131294665956 z^{35} \\
&+67294117317467281580391150 z^{34} \\
&+31777777622118812708663820 z^{33} \\
&+14365296733262042565456375 z^{32} \\
&+6212020208981456155531560 z^{31} \\
&+2567635019717720599847424 z^{30}
\end{aligned}$$

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

		$+1013540139362363179268940 z^{29}$ $+381722909630405669040540 z^{28}$ $+137028736790220534346080 z^{27}$ $+46832606243721165750120 z^{26}$ $+15220597029174801371898 z^{25}$ $+4697715133006895308540 z^{24}$ $+1374941014608213538500 z^{23} + 381007750854276047880 z^{22}$ $+99787744235953924850 z^{21} + 24653442735305994834 z^{20}$ $+5733358785908974920 z^{19} + 1252112832211323460 z^{18}$ $+256113986787148140 z^{17} + 48920649466242330 z^{16}$ $+8697004345403528 z^{15} + 1433572231778400 z^{14}$ $+218152367036940 z^{13} + 30494394639100 z^{12}$ $+3892883272320 z^{11} + 450756957000 z^{10} + 46956130025 z^9$ $+4356733500 z^8 + 355532850 z^7 + 25133500 z^6 + 1504125 z^5$ $+73605 z^4 + 3500 z^3 + 210 z^2 + 1$	
		$5250 z^{102} + 3010875 z^{100} + 711283650 z^{98} + 93909887225 z^{96}$ $+7785782883480 z^{94} + 436304639766660 z^{92}$ $+17394008945972792 z^{90} + 512227975608914460 z^{88}$ $+11466717543323191380 z^{86} + 199575488643545940750 z^{84}$ $+2749882028582969987700 z^{82}$ $+30441194059760604874026 z^{80}$ $+274057473579457382835160 z^{78}$ $+2027080278719095288268580 z^{76}$ $+12424040417988187209190200 z^{74}$ $+63555555244183559653135900 z^{72}$ $+273021847402081373895221070 z^{70}$ $+990011653867808936602064925 z^{68}$ $+3043517607976609594272599150 z^{66}$ $+7961396669647004061361612575 z^{64}$ $+17774280936885035212788692400 z^{62}$ $+33950671971364236743781455560 z^{60}$	

$\{[105, 2, 99]\}$	x^6+x^4+x+1	$ \begin{aligned} &+55589906928135894371718217200 z^{58} \\ &+78137853870923992660389348600 z^{56} \\ &+94378270557824528247480702040 z^{54} \\ &+98008204040815510208721380580 z^{52} \\ &+87514396335436273689101023128 z^{50} \\ &+67171137538164060732023473900 z^{48} \\ &+44283485180039564222558818800 z^{46} \\ &+25045577683793451980764945320 z^{44} \\ &+12131652068033006028382731440 z^{42} \\ &+5021804053161461406350554968 z^{40} \\ &+1771599801658384990838153790 z^{38} \\ &+530875814392716420274542245 z^{36} \\ &+134588234634871380306210750 z^{34} \\ &+28730593466551952845583175 z^{32} \\ &+5135270039426981664328888 z^{30} \\ &+763445819261188185321780 z^{28} \\ &+93665212488826992359640 z^{26} \\ &+9395430265066497717100 z^{24} + 762015502067856407700 z^{22} \\ &+49306885386069097710 z^{20} + 2504225674308334900 z^{18} \\ &+97841299591821450 z^{16} + 2867144027571000 z^{14} \\ &+60988843576500 z^{12} + 901515615000 z^{10} + 8712511500 z^8 \\ &+50307250 z^6 + 152355 z^4 + 210 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\} $
		$ \begin{aligned} &z^{105} + 315 z^{103} + 118860 z^{101} + 1008420 z^{100} + 29506680 z^{99} \\ &+ 323450715 z^{98} + 4557173460 z^{97} + 45901513665 z^{96} \\ &+ 455440351548 z^{95} + 3875248862520 z^{94} + 30549970559080 z^{93} \\ &+ 218010739590840 z^{92} + 1433840310363720 z^{91} \\ &+ 8696746261455868 z^{90} + 48920139397743810 z^{89} \\ &+ 256117242427716180 z^{88} + 1252103973120019670 z^{87} \\ &+ 5733373112598103560 z^{86} + 24653436077984450688 z^{85} \\ &+ 99787705339808567200 z^{84} + 381007888160530455720 z^{83} \\ &+ 1374940781337671678550 z^{82} \end{aligned} $	

{[105, 2, 99]}

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

$$\begin{aligned}
&+4697715270172799886340 z^{81} \\
&+15220597446576298598850 z^{80} \\
&+46832604804592150714380 z^{79} \\
&+137028738914899309264360 z^{78} \\
&+381722908914787538553240 z^{77} \\
&+1013540135201419674180360 z^{76} \\
&+2567635030276524586907032 z^{75} \\
&+6212020197707808864802380 z^{74} \\
&+14365296730744166672434095 z^{73} \\
&+31777777652273284838829700 z^{72} \\
&+67294117266958179672088245 z^{71} \\
&+136510923729727032616264152 z^{70} \\
&+265437907245645177534779820 z^{69} \\
&+495005826795857376525906660 z^{68} \\
&+885799900968745333772535600 z^{67} \\
&+1521758804003379719922172245 z^{66} \\
&+2510902026322871021090041512 z^{65} \\
&+3980698335195632111091531375 z^{64} \\
&+6065826033857967649305730680 z^{63} \\
&+8887140468120876507361406640 z^{62} \\
&+12522788842583474262210858000 z^{61} \\
&+16975335985163621713707075632 z^{60} \\
&+22141742589820028334704181840 z^{59} \\
&+27794953464998109768142550520 z^{58} \\
&+33585568768106077114212080540 z^{57} \\
&+39068926935615060794589925800 z^{56} \\
&+43757198168638136652295829556 z^{55} \\
&+47189135277608479207872493520 z^{54} \\
&+49004102021014439272491487200 z^{53} \\
&+49004102021014439272491487200 z^{52} \\
&+47189135277608479207872493520 z^{51}
\end{aligned}$$

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

		+43757198168638136652295829556 z^{50}	
		+39068926935615060794589925800 z^{49}	
		+33585568768106077114212080540 z^{48}	
		+27794953464998109768142550520 z^{47}	
		+22141742589820028334704181840 z^{46}	
		+16975335985163621713707075632 z^{45}	
		+12522788842583474262210858000 z^{44}	
		+8887140468120876507361406640 z^{43}	
		+6065826033857967649305730680 z^{42}	
		+3980698335195632111091531375 z^{41}	
		+2510902026322871021090041512 z^{40}	
		+1521758804003379719922172245 z^{39}	
		+885799900968745333772535600 z^{38}	
		+495005826795857376525906660 z^{37}	
		+265437907245645177534779820 z^{36}	
		+136510923729727032616264152 z^{35}	
		+67294117266958179672088245 z^{34}	
		+31777777652273284838829700 z^{33}	
		+14365296730744166672434095 z^{32}	
		+6212020197707808864802380 z^{31}	
		+2567635030276524586907032 z^{30}	
		+1013540135201419674180360 z^{29}	
		+381722908914787538553240 z^{28}	
		+137028738914899309264360 z^{27}	
		+46832604804592150714380 z^{26}	
		+15220597446576298598850 z^{25}	
		+4697715270172799886340 z^{24}	
		+1374940781337671678550 z^{23} + 381007888160530455720 z^{22}	
		+99787705339808567200 z^{21} + 24653436077984450688 z^{20}	
		+5733373112598103560 z^{19} + 1252103973120019670 z^{18}	
		+256117242427716180 z^{17} + 48920139397743810 z^{16}	

		$+8696746261455868 z^{15} + 1433840310363720 z^{14}$ $+218010739590840 z^{13} + 30549970559080 z^{12}$ $+3875248862520 z^{11} + 455440351548 z^{10} + 45901513665 z^9$ $+4557173460 z^8 + 323450715 z^7 + 29506680 z^6 + 1008420 z^5$ $+118860 z^4 + 315 z^2 + 1$	
		$z^{105} + 735 z^{103} + 241080 z^{101} + 46571560 z^{99} + 170859375 z^{98}$ $+5895674820 z^{97} + 36279140625 z^{96} + 515892570396 z^{95}$ $+3540844125000 z^{94} + 32174907179240 z^{93}$ $+210995796375000 z^{92} + 1460750725344120 z^{91}$ $+8605054632037500 z^{90} + 49197208897828530 z^{89}$ $+255380743544062500 z^{88} + 1253800195043587310 z^{87}$ $+5730092942596575000 z^{86} + 24658348357830881064 z^{85}$ $+99783600939558725000 z^{84} + 381002931803169855480 z^{83}$ $+1374971871169246008750 z^{82}$ $+4697635358779348696340 z^{81}$ $+15220735086123160571250 z^{80}$ $+46832456474228224831500 z^{79}$ $+137028743828209804643800 z^{78}$ $+381723313604518721551800 z^{77}$ $+1013539075894528968712200 z^{76}$ $+2567636641199999996345320 z^{75}$ $+6212018892260395003192620 z^{74}$ $+14365296018321560543949375 z^{73}$ $+31777782200900091254969140 z^{72}$ $+67294108755277763492282625 z^{71}$ $+136510932630727944469002312 z^{70}$ $+265437905475133743400756400 z^{69}$ $+495005813521062395962726680 z^{68}$ $+885799930425498172643638800 z^{67}$ $+1521758770470220863509120465 z^{66}$ $+2510902039869172267731645960 z^{65}$	

$\{[105, 2, 99]\}$ $x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$

+3980698364470474084423029135 z^{64}
+6065825960484863069385135800 z^{63}
+8887140552544653938707037520 z^{62}
+12522788803834718196730496400 z^{61}
+16975335933288975535492703728 z^{60}
+22141742725947502059726500400 z^{59}
+27794953314019514765579773560 z^{58}
+33585568836391340740904386300 z^{57}
+39068927010020834814418113480 z^{56}
+43757197979197069077277788228 z^{55}
+47189135474350537251924361840 z^{54}
+49004101937931308818292195280 z^{53}
+49004101937931308818292195280 z^{52}
+47189135474350537251924361840 z^{51}
+43757197979197069077277788228 z^{50}
+39068927010020834814418113480 z^{49}
+33585568836391340740904386300 z^{48}
+27794953314019514765579773560 z^{47}
+22141742725947502059726500400 z^{46}
+16975335933288975535492703728 z^{45}
+12522788803834718196730496400 z^{44}
+8887140552544653938707037520 z^{43}
+6065825960484863069385135800 z^{42}
+3980698364470474084423029135 z^{41}
+2510902039869172267731645960 z^{40}
+1521758770470220863509120465 z^{39}
+885799930425498172643638800 z^{38}
+495005813521062395962726680 z^{37}
+265437905475133743400756400 z^{36}
+136510932630727944469002312 z^{35}
+67294108755277763492282625 z^{34}

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

		$+31777782200900091254969140 z^{33}$ $+14365296018321560543949375 z^{32}$ $+6212018892260395003192620 z^{31}$ $+2567636641199999996345320 z^{30}$ $+1013539075894528968712200 z^{29}$ $+381723313604518721551800 z^{28}$ $+137028743828209804643800 z^{27}$ $+46832456474228224831500 z^{26}$ $+15220735086123160571250 z^{25}$ $+4697635358779348696340 z^{24}$ $+1374971871169246008750 z^{23} + 381002931803169855480 z^{22}$ $+99783600939558725000 z^{21} + 24658348357830881064 z^{20}$ $+5730092942596575000 z^{19} + 1253800195043587310 z^{18}$ $+255380743544062500 z^{17} + 49197208897828530 z^{16}$ $+8605054632037500 z^{15} + 1460750725344120 z^{14}$ $+210995796375000 z^{13} + 32174907179240 z^{12}$ $+3540844125000 z^{11} + 515892570396 z^{10} + 36279140625 z^9$ $+5895674820 z^8 + 170859375 z^7 + 46571560 z^6 + 241080 z^4$ $+735 z^2 + 1$	
		$z^{105} + 315 z^{103} + 1715 z^{102} + 82845 z^{101} + 1466325 z^{100} + 25172875 z^{99}$ $+ 356008275 z^{98} + 4355201340 z^{97} + 46957218665 z^{96}$ $+ 450757948788 z^{95} + 3892854267540 z^{94} + 30494512336540 z^{93}$ $+ 218152405639980 z^{92} + 1433571415026660 z^{91}$ $+ 8697005415290948 z^{90} + 48920649935688090 z^{89}$ $+ 256113980244986220 z^{88} + 1252112854782836830 z^{87}$ $+ 5733358789605091470 z^{86} + 24653442583737906498 z^{85}$ $+ 99787744365747656930 z^{84} + 381007751335791726510 z^{83}$ $+ 1374941013856953951870 z^{82}$ $+ 4697715132438849407740 z^{81}$ $+ 15220597031120381064570 z^{80}$ $+ 46832606241846974810100 z^{79}$	

$\{[105, 2, 99]\}$

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

$$\begin{aligned}
&+137028736789310435971860 z^{78} \\
&+381722909641594272921660 z^{77} \\
&+1013540139350154312894060 z^{76} \\
&+2567635019689824341787012 z^{75} \\
&+6212020209032238322156260 z^{74} \\
&+14365296733297603233473655 z^{73} \\
&+31777777622015417643548940 z^{72} \\
&+67294117317468752133804045 z^{71} \\
&+136510923701097068510959317 z^{70} \\
&+265437907196202443592326955 z^{69} \\
&+495005826934056792162192195 z^{68} \\
&+885799900829449880137544205 z^{67} \\
&+1521758803987668410802858885 z^{66} \\
&+2510902026580612000024331832 z^{65} \\
&+3980698334824739186344268415 z^{64} \\
&+6065826034016056206519975720 z^{63} \\
&+8887140468441052083021427560 z^{62} \\
&+12522788841898010240773923960 z^{61} \\
&+16975335985682903547458765592 z^{60} \\
&+22141742590018008572533101960 z^{59} \\
&+27794953464068768735817535560 z^{58} \\
&+33585568769083246890547740300 z^{57} \\
&+39068926935459442505391096600 z^{56} \\
&+43757198167718590193988399876 z^{55} \\
&+47189135278915516205497087140 z^{54} \\
&+49004102020405397074294918140 z^{53} \\
&+49004102020405397074294918140 z^{52} \\
&+47189135278915516205497087140 z^{51} \\
&+43757198167718590193988399876 z^{50} \\
&+39068926935459442505391096600 z^{49} \\
&+33585568769083246890547740300 z^{48}
\end{aligned}$$

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

$$\begin{aligned}
&+27794953464068768735817535560 z^{47} \\
&+22141742590018008572533101960 z^{46} \\
&+16975335985682903547458765592 z^{45} \\
&+12522788841898010240773923960 z^{44} \\
&+8887140468441052083021427560 z^{43} \\
&+6065826034016056206519975720 z^{42} \\
&+3980698334824739186344268415 z^{41} \\
&+2510902026580612000024331832 z^{40} \\
&+1521758803987668410802858885 z^{39} \\
&+885799900829449880137544205 z^{38} \\
&+495005826934056792162192195 z^{37} \\
&+265437907196202443592326955 z^{36} \\
&+136510923701097068510959317 z^{35} \\
&+67294117317468752133804045 z^{34} \\
&+31777777622015417643548940 z^{33} \\
&+14365296733297603233473655 z^{32} \\
&+6212020209032238322156260 z^{31} \\
&+2567635019689824341787012 z^{30} \\
&+1013540139350154312894060 z^{29} \\
&+381722909641594272921660 z^{28} \\
&+137028736789310435971860 z^{27} \\
&+46832606241846974810100 z^{26} \\
&+15220597031120381064570 z^{25} \\
&+4697715132438849407740 z^{24} \\
&+1374941013856953951870 z^{23} + 381007751335791726510 z^{22} \\
&+99787744365747656930 z^{21} + 24653442583737906498 z^{20} \\
&+5733358789605091470 z^{19} + 1252112854782836830 z^{18} \\
&+256113980244986220 z^{17} + 48920649935688090 z^{16} \\
&+8697005415290948 z^{15} + 1433571415026660 z^{14} \\
&+218152405639980 z^{13} + 30494512336540 z^{12} \\
&+3892854267540 z^{11} + 450757948788 z^{10} + 46957218665 z^9
\end{aligned}$$

		$+4355201340 z^8 + 356008275 z^7 + 25172875 z^6 + 1466325 z^5$ $+ 82845 z^4 + 1715 z^3 + 315 z^2 + 1$	
		$z^{105} + 210 z^{103} + 3500 z^{102} + 73605 z^{101} + 1504125 z^{100} + 25133500 z^{99}$ $+ 355532850 z^{98} + 4356733500 z^{97} + 46956130025 z^{96}$ $+ 450756957000 z^{95} + 3892883272320 z^{94} + 30494394639100 z^{93}$ $+ 218152367036940 z^{92} + 1433572231778400 z^{91}$ $+ 8697004345403528 z^{90} + 48920649466242330 z^{89}$ $+ 256113986787148140 z^{88} + 1252112832211323460 z^{87}$ $+ 5733358785908974920 z^{86} + 24653442735305994834 z^{85}$ $+ 99787744235953924850 z^{84} + 381007750854276047880 z^{83}$ $+ 1374941014608213538500 z^{82}$ $+ 4697715133006895308540 z^{81}$ $+ 15220597029174801371898 z^{80}$ $+ 46832606243721165750120 z^{79}$ $+ 137028736790220534346080 z^{78}$ $+ 381722909630405669040540 z^{77}$ $+ 1013540139362363179268940 z^{76}$ $+ 2567635019717720599847424 z^{75}$ $+ 6212020208981456155531560 z^{74}$ $+ 14365296733262042565456375 z^{73}$ $+ 31777777622118812708663820 z^{72}$ $+ 67294117317467281580391150 z^{71}$ $+ 136510923701013131294665956 z^{70}$ $+ 265437907196297644260346755 z^{69}$ $+ 495005826933881517222209115 z^{68}$ $+ 885799900829299009154417460 z^{67}$ $+ 1521758803988456481681720270 z^{66}$ $+ 2510902026580562655145778232 z^{65}$ $+ 3980698334823184469730107775 z^{64}$ $+ 6065826034016712643380316560 z^{63}$ $+ 8887140468442894768745040000 z^{62}$	

$$\{[105, 2, 99]\}$$

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

$$\begin{aligned}
&+12522788841896586859505530680 z^{61} \\
&+16975335985681969259846874840 z^{60} \\
&+22141742590019623852756910400 z^{59} \\
&+27794953464067520499033526800 z^{58} \\
&+33585568769082741189135535500 z^{57} \\
&+39068926935463163465689157400 z^{56} \\
&+43757198167716780440587882296 z^{55} \\
&+47189135278910550159395903280 z^{54} \\
&+49004102020409533814957508060 z^{53} \\
&+49004102020409533814957508060 z^{52} \\
&+47189135278910550159395903280 z^{51} \\
&+43757198167716780440587882296 z^{50} \\
&+39068926935463163465689157400 z^{49} \\
&+33585568769082741189135535500 z^{48} \\
&+27794953464067520499033526800 z^{47} \\
&+22141742590019623852756910400 z^{46} \\
&+16975335985681969259846874840 z^{45} \\
&+12522788841896586859505530680 z^{44} \\
&+8887140468442894768745040000 z^{43} \\
&+6065826034016712643380316560 z^{42} \\
&+3980698334823184469730107775 z^{41} \\
&+2510902026580562655145778232 z^{40} \\
&+1521758803988456481681720270 z^{39} \\
&+885799900829299009154417460 z^{38} \\
&+495005826933881517222209115 z^{37} \\
&+265437907196297644260346755 z^{36} \\
&+136510923701013131294665956 z^{35} \\
&+67294117317467281580391150 z^{34} \\
&+3177777622118812708663820 z^{33} \\
&+14365296733262042565456375 z^{32} \\
&+6212020208981456155531560 z^{31}
\end{aligned}$$

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

		$+2567635019717720599847424 z^{30}$ $+1013540139362363179268940 z^{29}$ $+381722909630405669040540 z^{28}$ $+137028736790220534346080 z^{27}$ $+46832606243721165750120 z^{26}$ $+15220597029174801371898 z^{25}$ $+4697715133006895308540 z^{24}$ $+1374941014608213538500 z^{23} + 381007750854276047880 z^{22}$ $+99787744235953924850 z^{21} + 24653442735305994834 z^{20}$ $+5733358785908974920 z^{19} + 1252112832211323460 z^{18}$ $+256113986787148140 z^{17} + 48920649466242330 z^{16}$ $+8697004345403528 z^{15} + 1433572231778400 z^{14}$ $+218152367036940 z^{13} + 30494394639100 z^{12}$ $+3892883272320 z^{11} + 450756957000 z^{10} + 46956130025 z^9$ $+4356733500 z^8 + 355532850 z^7 + 25133500 z^6 + 1504125 z^5$ $+73605 z^4 + 3500 z^3 + 210 z^2 + 1$	
		$5250 z^{102} + 3010875 z^{100} + 711283650 z^{98} + 93909887225 z^{96}$ $+7785782883480 z^{94} + 436304639766660 z^{92}$ $+17394008945972792 z^{90} + 512227975608914460 z^{88}$ $+11466717543323191380 z^{86} + 199575488643545940750 z^{84}$ $+2749882028582969987700 z^{82}$ $+30441194059760604874026 z^{80}$ $+274057473579457382835160 z^{78}$ $+2027080278719095288268580 z^{76}$ $+12424040417988187209190200 z^{74}$ $+63555555244183559653135900 z^{72}$ $+273021847402081373895221070 z^{70}$ $+990011653867808936602064925 z^{68}$ $+3043517607976609594272599150 z^{66}$ $+7961396669647004061361612575 z^{64}$ $+17774280936885035212788692400 z^{62}$	

{ [105, 2, 99] }	$x^6 + x^5 + x^2 + 1$	$ \begin{aligned} &+ 33950671971364236743781455560 z^{60} \\ &+ 55589906928135894371718217200 z^{58} \\ &+ 78137853870923992660389348600 z^{56} \\ &+ 94378270557824528247480702040 z^{54} \\ &+ 98008204040815510208721380580 z^{52} \\ &+ 87514396335436273689101023128 z^{50} \\ &+ 67171137538164060732023473900 z^{48} \\ &+ 44283485180039564222558818800 z^{46} \\ &+ 25045577683793451980764945320 z^{44} \\ &+ 12131652068033006028382731440 z^{42} \\ &+ 5021804053161461406350554968 z^{40} \\ &+ 1771599801658384990838153790 z^{38} \\ &+ 530875814392716420274542245 z^{36} \\ &+ 134588234634871380306210750 z^{34} \\ &+ 28730593466551952845583175 z^{32} \\ &+ 5135270039426981664328888 z^{30} \\ &+ 763445819261188185321780 z^{28} \\ &+ 93665212488826992359640 z^{26} \\ &+ 9395430265066497717100 z^{24} + 762015502067856407700 z^{22} \\ &+ 49306885386069097710 z^{20} + 2504225674308334900 z^{18} \\ &+ 97841299591821450 z^{16} + 2867144027571000 z^{14} \\ &+ 60988843576500 z^{12} + 901515615000 z^{10} + 8712511500 z^8 \\ &+ 50307250 z^6 + 152355 z^4 + 210 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$
		$ \begin{aligned} &z^{108} + 918 z^{106} + 369495 z^{104} + 85788324 z^{102} + 12743536923 z^{100} \\ &+ 1274561368686 z^{98} + 88535859924573 z^{96} \\ &+ 4384626362177040 z^{94} + 159189652765361790 z^{92} \\ &+ 4352214437103187140 z^{90} + 91730979065657128914 z^{88} \\ &+ 1520119388521003328712 z^{86} \\ &+ 20130688416578825422530 z^{84} \\ &+ 215925063469760633986404 z^{82} \\ &+ 1897055266240394615536398 z^{80} \end{aligned} $	

$$\{[108, 2, 102]\} x^6 + 1$$

$$\begin{aligned}
& +13780905207446507845135824 z^{78} \\
& +83435603637843574730867547 z^{76} \\
& +423870724114797920022959490 z^{74} \\
& +1817261622542488832570930541 z^{72} \\
& +6607284042066644921393579292 z^{70} \\
& +20457167915507011846291847745 z^{68} \\
& +54124771881781599148343173050 z^{66} \\
& +122724773408153424744022131495 z^{64} \\
& +239046514994249705643755809824 z^{62} \\
& +400741985787194631523731503508 z^{60} \\
& +579031277639980689199145198232 z^{58} \\
& +721824058613349086734888643916 z^{56} \\
& +776805765182578119072895024880 z^{54} \\
& +721824058613349086734888643916 z^{52} \\
& +579031277639980689199145198232 z^{50} \\
& +400741985787194631523731503508 z^{48} \\
& +239046514994249705643755809824 z^{46} \\
& +122724773408153424744022131495 z^{44} \\
& +54124771881781599148343173050 z^{42} \\
& +20457167915507011846291847745 z^{40} \\
& +6607284042066644921393579292 z^{38} \\
& +1817261622542488832570930541 z^{36} \\
& +423870724114797920022959490 z^{34} \\
& +83435603637843574730867547 z^{32} \\
& +13780905207446507845135824 z^{30} \\
& +1897055266240394615536398 z^{28} \\
& +215925063469760633986404 z^{26} \\
& +20130688416578825422530 z^{24} \\
& +1520119388521003328712 z^{22} + 91730979065657128914 z^{20} \\
& +4352214437103187140 z^{18} + 159189652765361790 z^{16} \\
& +4384626362177040 z^{14} + 88535859924573 z^{12}
\end{aligned}$$

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

		$+1274561368686 z^{10} + 12743536923 z^8 + 85788324 z^6$ $+ 369495 z^4 + 918 z^2 + 1$	
		$z^{108} + 594 z^{106} + 5184 z^{105} + 161271 z^{104} + 2337984 z^{103}$ $+ 35468172 z^{102} + 473280192 z^{101} + 5706449595 z^{100}$ $+ 62100535872 z^{99} + 608822859546 z^{98} + 5402103024384 z^{97}$ $+ 43600643288541 z^{96} + 321806719348992 z^{95}$ $+ 2183390034682032 z^{94} + 13682356495232256 z^{93}$ $+ 79529415357126654 z^{92} + 430398305414643456 z^{91}$ $+ 2175912180089465772 z^{90} + 10306965356745409152 z^{89}$ $+ 45865994846128915986 z^{88} + 192200306048296343424 z^{87}$ $+ 760064697696414364056 z^{86} + 2841980843137974579072 z^{85}$ $+ 10065348833589898144002 z^{84}$ $+ 33819572742574582090368 z^{83}$ $+ 107962483720891495318668 z^{82}$ $+ 327886063195619922817792 z^{81}$ $+ 948527538948927104499342 z^{80}$ $+ 2616627687307953225894144 z^{79}$ $+ 6890452899963300986596848 z^{78}$ $+ 17337268582944910720572672 z^{77}$ $+ 41717802542764937503829211 z^{76}$ $+ 96077363469774116692799232 z^{75}$ $+ 211935360630964719624982326 z^{74}$ $+ 448091905315296006564267456 z^{73}$ $+ 908630807898605916719735757 z^{72}$ $+ 1768146436862858717370609984 z^{71}$ $+ 3303642026745068248438670772 z^{70}$ $+ 5929613894347294045771250496 z^{69}$ $+ 10228583968090564354642789281 z^{68}$ $+ 16964480727753874397082551232 z^{67}$ $+ 27062385922571618923541493534 z^{66}$ $+ 41537615601429901296149571072 z^{65}$	

$$\{[108, 2, 102]\} \quad x^6 + x^3 + 1$$

$$\begin{aligned}
&+61362386683419387093682186791 z^{64} \\
&+87270949949961271030077067776 z^{63} \\
&+119523257541158325397232353632 z^{62} \\
&+157668978034049007234755602944 z^{61} \\
&+200370992918287118045955667092 z^{60} \\
&+245352236225245807630977363456 z^{59} \\
&+289515638744310523049989451784 z^{58} \\
&+329253079355860196650441612032 z^{57} \\
&+360912029295038406415381438668 z^{56} \\
&+381341012087095406836044394752 z^{55} \\
&+388402882682152451882546530896 z^{54} \\
&+381341012087095406836044394752 z^{53} \\
&+360912029295038406415381438668 z^{52} \\
&+329253079355860196650441612032 z^{51} \\
&+289515638744310523049989451784 z^{50} \\
&+245352236225245807630977363456 z^{49} \\
&+200370992918287118045955667092 z^{48} \\
&+157668978034049007234755602944 z^{47} \\
&+119523257541158325397232353632 z^{46} \\
&+87270949949961271030077067776 z^{45} \\
&+61362386683419387093682186791 z^{44} \\
&+41537615601429901296149571072 z^{43} \\
&+27062385922571618923541493534 z^{42} \\
&+16964480727753874397082551232 z^{41} \\
&+10228583968090564354642789281 z^{40} \\
&+5929613894347294045771250496 z^{39} \\
&+3303642026745068248438670772 z^{38} \\
&+1768146436862858717370609984 z^{37} \\
&+908630807898605916719735757 z^{36} \\
&+448091905315296006564267456 z^{35} \\
&+211935360630964719624982326 z^{34}
\end{aligned}$$

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

		$ \begin{aligned} &+96077363469774116692799232 z^{33} \\ &+41717802542764937503829211 z^{32} \\ &+17337268582944910720572672 z^{31} \\ &+6890452899963300986596848 z^{30} \\ &+2616627687307953225894144 z^{29} \\ &+948527538948927104499342 z^{28} \\ &+327886063195619922817792 z^{27} \\ &+107962483720891495318668 z^{26} \\ &+33819572742574582090368 z^{25} \\ &+10065348833589898144002 z^{24} \\ &+2841980843137974579072 z^{23} + 760064697696414364056 z^{22} \\ &+192200306048296343424 z^{21} + 45865994846128915986 z^{20} \\ &+10306965356745409152 z^{19} + 2175912180089465772 z^{18} \\ &+430398305414643456 z^{17} + 79529415357126654 z^{16} \\ &+13682356495232256 z^{15} + 2183390034682032 z^{14} \\ &+321806719348992 z^{13} + 43600643288541 z^{12} \\ &+5402103024384 z^{11} + 608822859546 z^{10} + 62100535872 z^9 \\ &+5706449595 z^8 + 473280192 z^7 + 35468172 z^6 + 2337984 z^5 \\ &+161271 z^4 + 5184 z^3 + 594 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &137781 z^{104} + 57579336 z^{102} + 10943918586 z^{100} \\ &+ 1209589260912 z^{98} + 87145716631797 z^{96} \\ &+ 4366838894781600 z^{94} + 159061045924880712 z^{92} \\ &+ 4351826697987635712 z^{90} + 91731944295290318382 z^{88} \\ &+ 1520129353799254376592 z^{86} \\ &+ 20130698307032541165780 z^{84} \\ &+ 215924967425169439028640 z^{82} \\ &+ 1897055072022221696338182 z^{80} \\ &+ 13780905806477467590721056 z^{78} \\ &+ 83435605115269799662788456 z^{76} \\ &+ 423870721191710684604351360 z^{74} \\ &+ 1817261615746056954398697039 z^{72} \end{aligned} $	

$\{[108, 2, 102]\}$	$x^6 + x^5 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+6607284053819701286576518200 z^{70} \\ &+20457167935975419926221529670 z^{68} \\ &+54124771844434889623886153424 z^{66} \\ &+122724773368096107401988342615 z^{64} \\ &+239046515082531167637969117504 z^{62} \\ &+400741985834060344402872589200 z^{60} \\ &+579031277490623463830982056448 z^{58} \\ &+721824058591752631742768750292 z^{56} \\ &+776805765360548183206709749728 z^{54} \\ &+721824058591281798321193017624 z^{52} \\ &+579031277491052232085361668032 z^{50} \\ &+400741985834051886796114819908 z^{48} \\ &+239046515082258724089557690688 z^{46} \\ &+122724773368297604079395677200 z^{44} \\ &+54124771844432960228851239168 z^{42} \\ &+20457167935893329328683536323 z^{40} \\ &+6607284053864926775311762488 z^{38} \\ &+1817261615748948829278657318 z^{36} \\ &+423870721178660450317224720 z^{34} \\ &+83435605119713760512248467 z^{32} \\ &+13780905807402538424711712 z^{30} \\ &+1897055071045968890755368 z^{28} \\ &+215924967551728371511296 z^{26} \\ &+20130698385812506450590 z^{24} \\ &+1520129329519300780176 z^{22} + 91731941680954189140 z^{20} \\ &+4351828333108782240 z^{18} + 159061080857019606 z^{16} \\ &+4366780797900960 z^{14} + 87143750858376 z^{12} \\ &+1210586083200 z^{10} + 11056572441 z^8 + 62039880 z^6 \\ &+205146 z^4 + 432 z^2 + 1 \end{aligned} $	$\{[54, 3\sqrt{3}]\}$
		$ \begin{aligned} &z^{108} + 432 z^{106} + 2916 z^{105} + 106731 z^{104} + 1735020 z^{103} \\ &+ 30022200 z^{102} + 435721356 z^{101} + 5496138063 z^{100} \end{aligned} $	

$$\begin{aligned}
&+61116391620 z^{99} + 605047785264 z^{98} + 5390383732272 z^{97} \\
&+43572648449421 z^{96} + 321764965876368 z^{95} \\
&+2183402955823200 z^{94} + 13682672449343568 z^{93} \\
&+79530533011741806 z^{92} + 430400520635221872 z^{91} \\
&+2175913805598789984 z^{90} + 10306959893874985320 z^{89} \\
&+45865971210209071194 z^{88} + 192200261608533325752 z^{87} \\
&+760064671420660650096 z^{86} + 2841980942795188648248 z^{85} \\
&+10065349174410789513930 z^{84} \\
&+33819573221946271809000 z^{83} \\
&+107962483732201103404896 z^{82} \\
&+327886061745145469815984 z^{81} \\
&+948527535805261935832638 z^{80} \\
&+2616627684860943952277520 z^{79} \\
&+6890452903416287734197984 z^{78} \\
&+17337268595856320429692752 z^{77} \\
&+41717802558693629134907595 z^{76} \\
&+96077363468602026482424432 z^{75} \\
&+211935360593046963708173520 z^{74} \\
&+448091905252864778783576892 z^{73} \\
&+908630807872611348786045369 z^{72} \\
&+1768146436943728751335474548 z^{71} \\
&+3303642026922635532400925256 z^{70} \\
&+5929613894473481533888303380 z^{69} \\
&+10228583967967035757012680621 z^{68} \\
&+16964480727360537506149091868 z^{67} \\
&+27062385922213144278079688784 z^{66} \\
&+41537615601542584127425142112 z^{65} \\
&+61362386684107650359603619975 z^{64} \\
&+87270949950716389391655239712 z^{63} \\
&+119523257541185494964432197824 z^{62} \\
&+157668978033071443134426269088 z^{61}
\end{aligned}$$

+200370992917035669193940631156 z^{60}
 +245352236224929706664698445280 z^{59}
 +289515638745423071135153932608 z^{58}
 +329253079357536698590152675120 z^{57}
 +360912029295741389565876021564 z^{56}
 +381341012086085105927997983376 z^{55}
 +388402882680297032102705706528 z^{54}
 +381341012086085105927997983376 z^{53}
 +360912029295741389565876021564 z^{52}
 +329253079357536698590152675120 z^{51}
 +289515638745423071135153932608 z^{50}
 +245352236224929706664698445280 z^{49}
 +200370992917035669193940631156 z^{48}
 +157668978033071443134426269088 z^{47}
 +119523257541185494964432197824 z^{46}
 +87270949950716389391655239712 z^{45}
 +61362386684107650359603619975 z^{44}
 +41537615601542584127425142112 z^{43}
 +27062385922213144278079688784 z^{42}
 +16964480727360537506149091868 z^{41}
 +10228583967967035757012680621 z^{40}
 +5929613894473481533888303380 z^{39}
 +3303642026922635532400925256 z^{38}
 +1768146436943728751335474548 z^{37}
 +908630807872611348786045369 z^{36}
 +448091905252864778783576892 z^{35}
 +211935360593046963708173520 z^{34}
 +96077363468602026482424432 z^{33}
 +41717802558693629134907595 z^{32}
 +17337268595856320429692752 z^{31}
 +6890452903416287734197984 z^{30}

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

		$+2616627684860943952277520 z^{29}$ $+948527535805261935832638 z^{28}$ $+327886061745145469815984 z^{27}$ $+107962483732201103404896 z^{26}$ $+33819573221946271809000 z^{25}$ $+10065349174410789513930 z^{24}$ $+2841980942795188648248 z^{23} + 760064671420660650096 z^{22}$ $+192200261608533325752 z^{21} + 45865971210209071194 z^{20}$ $+10306959893874985320 z^{19} + 2175913805598789984 z^{18}$ $+430400520635221872 z^{17} + 79530533011741806 z^{16}$ $+13682672449343568 z^{15} + 2183402955823200 z^{14}$ $+321764965876368 z^{13} + 43572648449421 z^{12}$ $+5390383732272 z^{11} + 605047785264 z^{10} + 61116391620 z^9$ $+5496138063 z^8 + 435721356 z^7 + 30022200 z^6 + 1735020 z^5$ $+106731 z^4 + 2916 z^3 + 432 z^2 + 1$	
		$605 z^{108} + 284350 z^{106} + 78729255 z^{104} + 13414057580 z^{102}$ $+1481880571391 z^{100} + 110146545901150 z^{98}$ $+5742522334666205 z^{96} + 218159227213221360 z^{94}$ $+6232448445617439430 z^{92} + 137311490916086904340 z^{90}$ $+2380662929701031180210 z^{88}$ $+33018753593719027561240 z^{86}$ $+371333952059915267916570 z^{84}$ $+3424524266435880822568420 z^{82}$ $+26144471679110285801895694 z^{80}$ $+166565585404650219903298480 z^{78}$ $+891615779768126579827688335 z^{76}$ $+4033499957781953501784585050 z^{74}$ $+15497131419147415054761089885 z^{72}$ $+50782907566831587089669950740 z^{70}$ $+142439862685177641219820120365 z^{68}$ $+343000007624532333249618180330 z^{66}$	

$\{[110, 2, 104]\}$	$x^6 + x^5 + x + 1$	$ \begin{aligned} &+710855088259331899913166263335 z^{64} \\ &+1270464413033556545655569623520 z^{62} \\ &+1961182208225525100838428625604 z^{60} \\ &+2617867653533535643405272064760 z^{58} \\ &+3023993872282161206460394078860 z^{56} \\ &+3023993872282157382115093698640 z^{54} \\ &+2617867653533539204002620694620 z^{52} \\ &+1961182208225522014987393146392 z^{50} \\ &+1270464413033559034245114364820 z^{48} \\ &+710855088259330033471007707360 z^{46} \\ &+343000007624533634103243840555 z^{44} \\ &+142439862685176799491003516690 z^{42} \\ &+50782907566832092126959912945 z^{40} \\ &+15497131419147134478488888660 z^{38} \\ &+4033499957782097581491931625 z^{36} \\ &+891615779768058331545261010 z^{34} \\ &+166565585404679969154612955 z^{32} \\ &+26144471679098386101369904 z^{30} \\ &+3424524266440234371541270 z^{28} \\ &+371333952058464084925620 z^{26} \\ &+33018753594157757302690 z^{24} \\ &+2380662929581377614360 z^{22} + 137311490945335553770 z^{20} \\ &+6232448439259037380 z^{18} + 218159228430787710 z^{16} \\ &+5742522131738480 z^{14} + 110146574890825 z^{12} \\ &+1481877092630 z^{10} + 13414398635 z^8 + 78703020 z^6 \\ &+285835 z^4 + 550 z^2 + 1 \end{aligned} $	$ \left\{ \left[55, \frac{\sqrt{110}}{2} \right] \right\} $
		$ \begin{aligned} &z^{112} + 392 z^{110} + 7168 z^{109} + 129668 z^{108} + 2358272 z^{107} \\ &+ 38854648 z^{106} + 571885568 z^{105} + 7445935546 z^{104} \\ &+ 85873084416 z^{103} + 884198717976 z^{102} + 8199153019904 z^{101} \\ &+ 69012727583828 z^{100} + 530876874099712 z^{99} \\ &+ 3754071592602472 z^{98} + 24526589607747584 z^{97} \end{aligned} $	

$$\begin{aligned}
& +148692329383891195 z^{96} + 839674034128756736 z^{95} \\
& + 4431612795214672368 z^{94} + 21924822197402707968 z^{93} \\
& + 101950426201198094296 z^{92} + 446639965217367255040 z^{91} \\
& + 1847465305745104730384 z^{90} \\
& + 7229212044179341217792 z^{89} \\
& + 26808327968391075229732 z^{88} \\
& + 94365314470020834824192 z^{87} \\
& + 315760860095267806634128 z^{86} \\
& + 1005756813808542695696384 z^{85} \\
& + 3053190327520217954794648 z^{84} \\
& + 8843723706661209930590208 z^{83} \\
& + 24467635587687278283741808 z^{82} \\
& + 64720842522657019353145344 z^{81} \\
& + 163824632637962040916716041 z^{80} \\
& + 397150624579840408590917632 z^{79} \\
& + 922791157110375480163093592 z^{78} \\
& + 2056506007265485212879705088 z^{77} \\
& + 4398637848864997251696800716 z^{76} \\
& + 9035039905784390639965107200 z^{75} \\
& + 17832315603546790275518422568 z^{74} \\
& + 33835675760592717436544759808 z^{73} \\
& + 61750108263059541389200205286 z^{72} \\
& + 108439214510682806492068526080 z^{71} \\
& + 183313910244217659859863527624 z^{70} \\
& + 298417993420875058985083282432 z^{69} \\
& + 467973671501034211102485671132 z^{68} \\
& + 707160214712713077320978269184 z^{67} \\
& + 1029994225777079974299883535800 z^{66} \\
& + 1446374870239969974557617831936 z^{65} \\
& + 1958632636783287684968542385403 z^{64} \\
& + 2558214056206966391667091980288 z^{63}
\end{aligned}$$

+3223349710820999604107031190688 z^{62}
 +3918582001390192954648590807040 z^{61}
 +4596798117015119028424020978704 z^{60}
 +5203922396620642800209760710656 z^{59}
 +5685767062974514337510416436576 z^{58}
 +5995899811864405758194942992384 z^{57}
 +6102969451362190250070973417592 z^{56}
 +5995899811864405758194942992384 z^{55}
 +5685767062974514337510416436576 z^{54}
 +5203922396620642800209760710656 z^{53}
 +4596798117015119028424020978704 z^{52}
 +3918582001390192954648590807040 z^{51}
 +3223349710820999604107031190688 z^{50}
 +2558214056206966391667091980288 z^{49}
 +1958632636783287684968542385403 z^{48}
 +1446374870239969974557617831936 z^{47}
 +1029994225777079974299883535800 z^{46}
 +707160214712713077320978269184 z^{45}
 +467973671501034211102485671132 z^{44}
 +298417993420875058985083282432 z^{43}
 +183313910244217659859863527624 z^{42}
 +108439214510682806492068526080 z^{41}
 +61750108263059541389200205286 z^{40}
 +33835675760592717436544759808 z^{39}
 +17832315603546790275518422568 z^{38}
 +9035039905784390639965107200 z^{37}
 +4398637848864997251696800716 z^{36}
 +2056506007265485212879705088 z^{35}
 +922791157110375480163093592 z^{34}
 +397150624579840408590917632 z^{33}
 +163824632637962040916716041 z^{32}

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

		$+64720842522657019353145344 z^{31}$ $+24467635587687278283741808 z^{30}$ $+8843723706661209930590208 z^{29}$ $+3053190327520217954794648 z^{28}$ $+1005756813808542695696384 z^{27}$ $+315760860095267806634128 z^{26}$ $+94365314470020834824192 z^{25}$ $+26808327968391075229732 z^{24}$ $+7229212044179341217792 z^{23}$ $+1847465305745104730384 z^{22} + 446639965217367255040 z^{21}$ $+101950426201198094296 z^{20} + 21924822197402707968 z^{19}$ $+4431612795214672368 z^{18} + 839674034128756736 z^{17}$ $+148692329383891195 z^{16} + 24526589607747584 z^{15}$ $+3754071592602472 z^{14} + 530876874099712 z^{13}$ $+69012727583828 z^{12} + 8199153019904 z^{11} + 884198717976 z^{10}$ $+85873084416 z^9 + 7445935546 z^8 + 571885568 z^7 + 38854648 z^6$ $+2358272 z^5 + 129668 z^4 + 7168 z^3 + 392 z^2 + 1$	
		$z^{112} + 168 z^{110} + 194628 z^{108} + 74750424 z^{106} + 14859327546 z^{104}$ $+ 1768559417464 z^{102} + 138028303776020 z^{100}$ $+ 7508130992464392 z^{98} + 297384566799338235 z^{96}$ $+ 8863226247902972848 z^{94} + 203900852492284625496 z^{92}$ $+ 3694930598900298104144 z^{90}$ $+ 53616655975621610562852 z^{88}$ $+ 631521720223280146797264 z^{86}$ $+ 6106380654555260642114328 z^{84}$ $+ 48935271176472124608927280 z^{82}$ $+ 327649265276403974081854473 z^{80}$ $+ 1845582314212772553546196152 z^{78}$ $+ 8797275697747797580627363084 z^{76}$ $+ 35664631207085168276182632648 z^{74}$ $+ 123500216526074125290075478886 z^{72}$	

$\{[112, 2, 106]\}$	$x^6 + x^3 + x + 1$	$ \begin{aligned} &+366627820488552615650201092584 z^{70} \\ &+935947343001963926254003437852 z^{68} \\ &+2059988451554075170531561442200 z^{66} \\ &+3917265273566933680099435948283 z^{64} \\ &+6446699421641570146434132626208 z^{62} \\ &+9193596234030338787931232258832 z^{60} \\ &+11371534125949458505650534380256 z^{58} \\ &+12205938902723689622463608974968 z^{56} \\ &+11371534125949458505650534380256 z^{54} \\ &+9193596234030338787931232258832 z^{52} \\ &+6446699421641570146434132626208 z^{50} \\ &+3917265273566933680099435948283 z^{48} \\ &+2059988451554075170531561442200 z^{46} \\ &+935947343001963926254003437852 z^{44} \\ &+366627820488552615650201092584 z^{42} \\ &+123500216526074125290075478886 z^{40} \\ &+35664631207085168276182632648 z^{38} \\ &+8797275697747797580627363084 z^{36} \\ &+1845582314212772553546196152 z^{34} \\ &+327649265276403974081854473 z^{32} \\ &+48935271176472124608927280 z^{30} \\ &+6106380654555260642114328 z^{28} \\ &+631521720223280146797264 z^{26} \\ &+53616655975621610562852 z^{24} \\ &+3694930598900298104144 z^{22} + 203900852492284625496 z^{20} \\ &+8863226247902972848 z^{18} + 297384566799338235 z^{16} \\ &+7508130992464392 z^{14} + 138028303776020 z^{12} \\ &+1768559417464 z^{10} + 14859327546 z^8 + 74750424 z^6 \\ &+194628 z^4 + 168 z^2 + 1 \end{aligned} $	$\{[56, 2\sqrt{7}]\}$
		$ \begin{aligned} &z^{112} + 728 z^{110} + 316708 z^{108} + 83282472 z^{106} + 15101259642 z^{104} \\ &+ 1771160753544 z^{102} + 138028041449844 z^{100} \end{aligned} $	

$\{[112, 2, 106]\}$ $x^6 + x^4 + x^2 + 1$
$$\begin{aligned} &+7507983059969400 z^{98} + 297384403580026875 z^{96} \\ &+ 8863230876569040720 z^{94} + 203900851993770619800 z^{92} \\ &+ 3694930512126042287280 z^{90} \\ &+ 53616656130051472550820 z^{88} \\ &+ 631521721008042968756016 z^{86} \\ &+ 6106380651487642073529944 z^{84} \\ &+ 48935271175801357760502992 z^{82} \\ &+ 327649265299251947620392201 z^{80} \\ &+ 1845582314174040838599160776 z^{78} \\ &+ 8797275697703329700243552172 z^{76} \\ &+ 35664631207327951518507537720 z^{74} \\ &+ 123500216525832093247946371110 z^{72} \\ &+ 366627820488175427028003687960 z^{70} \\ &+ 935947343003187234237429054780 z^{68} \\ &+ 2059988451553206343622517137640 z^{66} \\ &+ 3917265273565636134831917699835 z^{64} \\ &+ 6446699421644745564474336325344 z^{62} \\ &+ 9193596234028506114309974020752 z^{60} \\ &+ 11371534125947325019909133361440 z^{58} \\ &+ 12205938902728036575873179847032 z^{56} \\ &+ 11371534125947325019909133361440 z^{54} \\ &+ 9193596234028506114309974020752 z^{52} \\ &+ 6446699421644745564474336325344 z^{50} \\ &+ 3917265273565636134831917699835 z^{48} \\ &+ 2059988451553206343622517137640 z^{46} \\ &+ 935947343003187234237429054780 z^{44} \\ &+ 366627820488175427028003687960 z^{42} \\ &+ 123500216525832093247946371110 z^{40} \\ &+ 35664631207327951518507537720 z^{38} \\ &+ 8797275697703329700243552172 z^{36} \\ &+ 1845582314174040838599160776 z^{34} \end{aligned}$$
 $\{[56, 2\sqrt{7}]\}$

		$+327649265299251947620392201 z^{32}$ $+48935271175801357760502992 z^{30}$ $+6106380651487642073529944 z^{28}$ $+631521721008042968756016 z^{26}$ $+53616656130051472550820 z^{24}$ $+3694930512126042287280 z^{22} + 203900851993770619800 z^{20}$ $+8863230876569040720 z^{18} + 297384403580026875 z^{16}$ $+7507983059969400 z^{14} + 138028041449844 z^{12}$ $+1771160753544 z^{10} + 15101259642 z^8 + 83282472 z^6$ $+316708 z^4 + 728 z^2 + 1$	
		$z^{112} + 392 z^{110} + 7168 z^{109} + 129668 z^{108} + 2358272 z^{107}$ $+ 38854648 z^{106} + 571885568 z^{105} + 7445935546 z^{104}$ $+ 85873084416 z^{103} + 884198717976 z^{102} + 8199153019904 z^{101}$ $+ 69012727583828 z^{100} + 530876874099712 z^{99}$ $+ 3754071592602472 z^{98} + 24526589607747584 z^{97}$ $+ 148692329383891195 z^{96} + 839674034128756736 z^{95}$ $+ 4431612795214672368 z^{94} + 21924822197402707968 z^{93}$ $+ 101950426201198094296 z^{92} + 446639965217367255040 z^{91}$ $+ 1847465305745104730384 z^{90}$ $+ 7229212044179341217792 z^{89}$ $+ 26808327968391075229732 z^{88}$ $+ 94365314470020834824192 z^{87}$ $+ 315760860095267806634128 z^{86}$ $+ 1005756813808542695696384 z^{85}$ $+ 3053190327520217954794648 z^{84}$ $+ 8843723706661209930590208 z^{83}$ $+ 24467635587687278283741808 z^{82}$ $+ 64720842522657019353145344 z^{81}$ $+ 163824632637962040916716041 z^{80}$ $+ 397150624579840408590917632 z^{79}$ $+ 922791157110375480163093592 z^{78}$	

$$\{[112, 2, 106]\} \quad x^6 + x^4 + 1$$

$$\begin{aligned}
&+2056506007265485212879705088 z^{77} \\
&+4398637848864997251696800716 z^{76} \\
&+9035039905784390639965107200 z^{75} \\
&+17832315603546790275518422568 z^{74} \\
&+33835675760592717436544759808 z^{73} \\
&+61750108263059541389200205286 z^{72} \\
&+108439214510682806492068526080 z^{71} \\
&+183313910244217659859863527624 z^{70} \\
&+298417993420875058985083282432 z^{69} \\
&+467973671501034211102485671132 z^{68} \\
&+707160214712713077320978269184 z^{67} \\
&+1029994225777079974299883535800 z^{66} \\
&+1446374870239969974557617831936 z^{65} \\
&+1958632636783287684968542385403 z^{64} \\
&+2558214056206966391667091980288 z^{63} \\
&+3223349710820999604107031190688 z^{62} \\
&+3918582001390192954648590807040 z^{61} \\
&+4596798117015119028424020978704 z^{60} \\
&+5203922396620642800209760710656 z^{59} \\
&+5685767062974514337510416436576 z^{58} \\
&+5995899811864405758194942992384 z^{57} \\
&+6102969451362190250070973417592 z^{56} \\
&+5995899811864405758194942992384 z^{55} \\
&+5685767062974514337510416436576 z^{54} \\
&+5203922396620642800209760710656 z^{53} \\
&+4596798117015119028424020978704 z^{52} \\
&+3918582001390192954648590807040 z^{51} \\
&+3223349710820999604107031190688 z^{50} \\
&+2558214056206966391667091980288 z^{49} \\
&+1958632636783287684968542385403 z^{48} \\
&+1446374870239969974557617831936 z^{47}
\end{aligned}$$

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

$$\begin{aligned}
& +1029994225777079974299883535800 z^{46} \\
& +707160214712713077320978269184 z^{45} \\
& +467973671501034211102485671132 z^{44} \\
& +298417993420875058985083282432 z^{43} \\
& +183313910244217659859863527624 z^{42} \\
& +108439214510682806492068526080 z^{41} \\
& +61750108263059541389200205286 z^{40} \\
& +33835675760592717436544759808 z^{39} \\
& +17832315603546790275518422568 z^{38} \\
& +9035039905784390639965107200 z^{37} \\
& +4398637848864997251696800716 z^{36} \\
& +2056506007265485212879705088 z^{35} \\
& +922791157110375480163093592 z^{34} \\
& +397150624579840408590917632 z^{33} \\
& +163824632637962040916716041 z^{32} \\
& +64720842522657019353145344 z^{31} \\
& +24467635587687278283741808 z^{30} \\
& +8843723706661209930590208 z^{29} \\
& +3053190327520217954794648 z^{28} \\
& +1005756813808542695696384 z^{27} \\
& +315760860095267806634128 z^{26} \\
& +94365314470020834824192 z^{25} \\
& +26808327968391075229732 z^{24} \\
& +7229212044179341217792 z^{23} \\
& +1847465305745104730384 z^{22} + 446639965217367255040 z^{21} \\
& +101950426201198094296 z^{20} + 21924822197402707968 z^{19} \\
& +4431612795214672368 z^{18} + 839674034128756736 z^{17} \\
& +148692329383891195 z^{16} + 24526589607747584 z^{15} \\
& +3754071592602472 z^{14} + 530876874099712 z^{13} \\
& +69012727583828 z^{12} + 8199153019904 z^{11} + 884198717976 z^{10} \\
& +85873084416 z^9 + 7445935546 z^8 + 571885568 z^7 + 38854648 z^6
\end{aligned}$$

		$+2358272 z^5 + 129668 z^4 + 7168 z^3 + 392 z^2 + 1$	
		$z^{112} + 840 z^{110} + 315140 z^{108} + 69708856 z^{106} + 268435456 z^{105}$ $+ 10119450810 z^{104} + 65766686720 z^{103} + 1017362988376 z^{102}$ $+ 7418482262016 z^{101} + 73082486037204 z^{100}$ $+ 511890308464640 z^{99} + 3833491113827880 z^{98}$ $+ 24228357193334784 z^{97} + 149697157987769595 z^{96}$ $+ 836647274787373056 z^{95} + 4439705861749964400 z^{94}$ $+ 21905878844849520640 z^{93} + 101988160078685311704 z^{92}$ $+ 446580108880877977600 z^{91} + 1847525177078249910416 z^{90}$ $+ 7229240636615405076480 z^{89}$ $+ 26808008148353372931620 z^{88}$ $+ 94366236055619445456896 z^{87}$ $+ 315759106805624551930896 z^{86}$ $+ 1005759039145227375869952 z^{85}$ $+ 3053189354775710712930200 z^{84}$ $+ 8843719868106348964085760 z^{83}$ $+ 24467648547692142943298288 z^{82}$ $+ 64720819353718717199417344 z^{81}$ $+ 163824657348100390374508041 z^{80}$ $+ 397150621545368409562152960 z^{79}$ $+ 922791106113373762499615640 z^{78}$ $+ 2056506130686246939732738048 z^{77}$ $+ 4398637685089797227487297868 z^{76}$ $+ 9035040003029614062938882048 z^{75}$ $+ 17832315726352274917232888040 z^{74}$ $+ 33835675321679697980340305920 z^{73}$ $+ 61750108913735780512307501798 z^{72}$ $+ 108439214022586735336221573120 z^{71}$ $+ 183313910058452663407252921992 z^{70}$ $+ 298417994572321060774414909440 z^{69}$ $+ 467973669702976506852693603420 z^{68}$	

$\{[112, 2, 106]\}$

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

+707160216143785715260423405568 z^{67}
+1029994225946415840916530651640 z^{66}
+1446374867911756050260161462272 z^{65}
+1958632640430646248654034259195 z^{64}
+2558214053340306758954490265600 z^{63}
+3223349710739016338111177834400 z^{62}
+3918582005060235664912262627328 z^{61}
+4596798111466922647911245245968 z^{60}
+5203922400771199117498955857920 z^{59}
+5685767062989843491244380619360 z^{58}
+5995899807389453348296823144448 z^{57}
+6102969457739266580861255924856 z^{56}
+5995899807389453348296823144448 z^{55}
+5685767062989843491244380619360 z^{54}
+5203922400771199117498955857920 z^{53}
+4596798111466922647911245245968 z^{52}
+3918582005060235664912262627328 z^{51}
+3223349710739016338111177834400 z^{50}
+2558214053340306758954490265600 z^{49}
+1958632640430646248654034259195 z^{48}
+1446374867911756050260161462272 z^{47}
+1029994225946415840916530651640 z^{46}
+707160216143785715260423405568 z^{45}
+467973669702976506852693603420 z^{44}
+298417994572321060774414909440 z^{43}
+183313910058452663407252921992 z^{42}
+108439214022586735336221573120 z^{41}
+61750108913735780512307501798 z^{40}
+33835675321679697980340305920 z^{39}
+17832315726352274917232888040 z^{38}
+9035040003029614062938882048 z^{37}

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

		$+4398637685089797227487297868 z^{36}$ $+2056506130686246939732738048 z^{35}$ $+922791106113373762499615640 z^{34}$ $+397150621545368409562152960 z^{33}$ $+163824657348100390374508041 z^{32}$ $+64720819353718717199417344 z^{31}$ $+24467648547692142943298288 z^{30}$ $+8843719868106348964085760 z^{29}$ $+3053189354775710712930200 z^{28}$ $+1005759039145227375869952 z^{27}$ $+315759106805624551930896 z^{26}$ $+94366236055619445456896 z^{25}$ $+26808008148353372931620 z^{24}$ $+7229240636615405076480 z^{23}$ $+1847525177078249910416 z^{22} + 446580108880877977600 z^{21}$ $+101988160078685311704 z^{20} + 21905878844849520640 z^{19}$ $+4439705861749964400 z^{18} + 836647274787373056 z^{17}$ $+149697157987769595 z^{16} + 24228357193334784 z^{15}$ $+3833491113827880 z^{14} + 511890308464640 z^{13}$ $+73082486037204 z^{12} + 7418482262016 z^{11}$ $+1017362988376 z^{10} + 65766686720 z^9 + 10119450810 z^8$ $+268435456 z^7 + 69708856 z^6 + 315140 z^4 + 840 z^2 + 1$	
		$z^{112} + 168 z^{110} + 194628 z^{108} + 74750424 z^{106} + 14859327546 z^{104}$ $+ 1768559417464 z^{102} + 138028303776020 z^{100}$ $+ 7508130992464392 z^{98} + 297384566799338235 z^{96}$ $+ 8863226247902972848 z^{94} + 203900852492284625496 z^{92}$ $+ 3694930598900298104144 z^{90}$ $+ 53616655975621610562852 z^{88}$ $+ 631521720223280146797264 z^{86}$ $+ 6106380654555260642114328 z^{84}$ $+ 48935271176472124608927280 z^{82}$	

$\{[112, 2, 106]\}$ $x^6 + x^5 + x^3 + 1$
$$\begin{aligned} &+ 327649265276403974081854473 z^{80} \\ &+ 1845582314212772553546196152 z^{78} \\ &+ 8797275697747797580627363084 z^{76} \\ &+ 35664631207085168276182632648 z^{74} \\ &+ 123500216526074125290075478886 z^{72} \\ &+ 366627820488552615650201092584 z^{70} \\ &+ 935947343001963926254003437852 z^{68} \\ &+ 2059988451554075170531561442200 z^{66} \\ &+ 3917265273566933680099435948283 z^{64} \\ &+ 6446699421641570146434132626208 z^{62} \\ &+ 9193596234030338787931232258832 z^{60} \\ &+ 11371534125949458505650534380256 z^{58} \\ &+ 12205938902723689622463608974968 z^{56} \\ &+ 11371534125949458505650534380256 z^{54} \\ &+ 9193596234030338787931232258832 z^{52} \\ &+ 6446699421641570146434132626208 z^{50} \\ &+ 3917265273566933680099435948283 z^{48} \\ &+ 2059988451554075170531561442200 z^{46} \\ &+ 935947343001963926254003437852 z^{44} \\ &+ 366627820488552615650201092584 z^{42} \\ &+ 123500216526074125290075478886 z^{40} \\ &+ 35664631207085168276182632648 z^{38} \\ &+ 8797275697747797580627363084 z^{36} \\ &+ 1845582314212772553546196152 z^{34} \\ &+ 327649265276403974081854473 z^{32} \\ &+ 48935271176472124608927280 z^{30} \\ &+ 6106380654555260642114328 z^{28} \\ &+ 631521720223280146797264 z^{26} \\ &+ 53616655975621610562852 z^{24} \\ &+ 3694930598900298104144 z^{22} + 203900852492284625496 z^{20} \\ &+ 8863226247902972848 z^{18} + 297384566799338235 z^{16} \end{aligned}$$
 $\{[56, 2\sqrt{7}]\}$

		$+7508130992464392 z^{14} + 138028303776020 z^{12}$ $+1768559417464 z^{10} + 14859327546 z^8 + 74750424 z^6$ $+194628 z^4 + 168 z^2 + 1$	
$\{[114, 2, 108]\}$	$x^6 + 1$	$47045881 z^{108} + 14396039586 z^{106} + 2008247522247 z^{104}$ $+169614138402252 z^{102} + 9723989687538387 z^{100}$ $+402582209458137354 z^{98} + 12517344996769588509 z^{96}$ $+300462403393699709616 z^{94} + 5685426058320743914446 z^{92}$ $+86228551672663850817036 z^{90}$ $+1062599427983482043831730 z^{88}$ $+10760928094454239695772440 z^{86}$ $+90416546979617996488888018 z^{84}$ $+635467918061824334594462508 z^{82}$ $+3761834080047045824310695118 z^{80}$ $+18868881980718149023571352048 z^{78}$ $+80602066515944381921703998403 z^{76}$ $+294507551008482773728882301862 z^{74}$ $+923884895062438617355537570557 z^{72}$ $+2496247136507803252245988358772 z^{70}$ $+5824576653554265024696803043753 z^{68}$ $+11762753207469210162406658747118 z^{66}$ $+20596820919379694188501246167207 z^{64}$ $+31314623659169431369994830638432 z^{62}$ $+41380819947955367921795137400692 z^{60}$ $+47561072278266249175940845827144 z^{58}$ $+47561072273994043274558589670284 z^{56}$ $+41380819944972049486870569917264 z^{54}$ $+31314623663293915587167563246764 z^{52}$ $+20596820920693277682709376890824 z^{50}$ $+11762753204693564260944480693012 z^{48}$ $+5824576653258496504322210816352 z^{46}$ $+2496247137840631994163499552623 z^{44}$	$\left\{ \left[57, \frac{\sqrt{114}}{2} \right] \right\}$

		$+923884895052360277596582965838 z^{42}$ $+294507550542393539617373492433 z^{40}$ $+80602066540085005499360757108 z^{38}$ $+18868882101322456988644632693 z^{36}$ $+3761834075554159928910074310 z^{34}$ $+635467895032865499761833755 z^{32}$ $+90416546335157295122272240 z^{30}$ $+10760931164762343282231006 z^{28}$ $+1062599840487882273161196 z^{26}$ $+86228317819441714286754 z^{24}$ $+5685356545487782014744 z^{22} + 300464335895678354274 z^{20}$ $+12521269381824531276 z^{18} + 403415669920639806 z^{16}$ $+9815348610393264 z^{14} + 175577997909429 z^{12}$ $+2245401134634 z^{10} + 19990819467 z^8 + 120050892 z^6$ $+461871 z^4 + 1026 z^2 + 1$	
		$z^{117} + 702 z^{115} + 6591 z^{114} + 225459 z^{113} + 3519594 z^{112}$ $+ 58373679 z^{111} + 844880517 z^{110} + 11088001197 z^{109}$ $+ 131373896953 z^{108} + 1403926626375 z^{107}$ $+ 13594565312523 z^{106} + 119865969761733 z^{105}$ $+ 967484481670161 z^{104} + 7185452775077889 z^{103}$ $+ 49337435195847747 z^{102} + 314524417542953904 z^{101}$ $+ 1868653843582843863 z^{100} + 10381451441229921975 z^{99}$ $+ 54092923541389488600 z^{98} + 265055458304961807210 z^{97}$ $+ 1224303769194348726585 z^{96}$ $+ 5342415828964890138450 z^{95}$ $+ 22066498472856111624870 z^{94}$ $+ 86427116730961430391630 z^{93}$ $+ 321508874164372665208542 z^{92}$ $+ 1137646793290116839537106 z^{91}$ $+ 3834291063568184327364802 z^{90}$ $+ 12324507010995579702837678 z^{89}$	

$\{[117, 2, 111]\}$

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

$$\begin{aligned}
&+37823487023204300104577982 z^{88} \\
&+110948895186509286990433974 z^{87} \\
&+311372705698844449861835010 z^{86} \\
&+836814146475443050246141719 z^{85} \\
&+2155430377483813972262868186 z^{84} \\
&+5325180933205630995375507084 z^{83} \\
&+12628286213685713628014470617 z^{82} \\
&+28764429708835800534101925937 z^{81} \\
&+62970778550157029525131067052 z^{80} \\
&+132570060102971903742831489573 z^{79} \\
&+268539352515122944848543372087 z^{78} \\
&+523651737407678517593071489815 z^{77} \\
&+983443506845949491629291098003 z^{76} \\
&+1779564440964888027206006078205 z^{75} \\
&+3103891466795619263387223767505 z^{74} \\
&+5220181103232306279870451217295 z^{73} \\
&+8468293789671832883120148542475 z^{72} \\
&+13254720714269321585199423207075 z^{71} \\
&+20023088738601551303436272447625 z^{70} \\
&+29200337743826607170942660886810 z^{69} \\
&+41118842945398894115789420808165 z^{68} \\
&+55921626405712195260048622642833 z^{67} \\
&+73465666062352443118922426273790 z^{66} \\
&+93244883848340953357544320459548 z^{65} \\
&+114356933021580038473134110900175 z^{64} \\
&+135534142840461209817189063201420 z^{63} \\
&+155248199980941809377285525705284 z^{62} \\
&+171881935693168343411021910426900 z^{61} \\
&+183943825917176347204516166379924 z^{60} \\
&+190286716465977224179295197036620 z^{59} \\
&+190286716465977224179295197036620 z^{58}
\end{aligned}$$

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

+183943825917176347204516166379924 z^{57}
+171881935693168343411021910426900 z^{56}
+155248199980941809377285525705284 z^{55}
+135534142840461209817189063201420 z^{54}
+114356933021580038473134110900175 z^{53}
+93244883848340953357544320459548 z^{52}
+73465666062352443118922426273790 z^{51}
+55921626405712195260048622642833 z^{50}
+41118842945398894115789420808165 z^{49}
+29200337743826607170942660886810 z^{48}
+20023088738601551303436272447625 z^{47}
+13254720714269321585199423207075 z^{46}
+8468293789671832883120148542475 z^{45}
+5220181103232306279870451217295 z^{44}
+3103891466795619263387223767505 z^{43}
+1779564440964888027206006078205 z^{42}
+983443506845949491629291098003 z^{41}
+523651737407678517593071489815 z^{40}
+268539352515122944848543372087 z^{39}
+132570060102971903742831489573 z^{38}
+62970778550157029525131067052 z^{37}
+28764429708835800534101925937 z^{36}
+12628286213685713628014470617 z^{35}
+5325180933205630995375507084 z^{34}
+2155430377483813972262868186 z^{33}
+836814146475443050246141719 z^{32}
+311372705698844449861835010 z^{31}
+110948895186509286990433974 z^{30}
+37823487023204300104577982 z^{29}
+12324507010995579702837678 z^{28}
+3834291063568184327364802 z^{27}

		$+1137646793290116839537106 z^{26}$ $+321508874164372665208542 z^{25}$ $+86427116730961430391630 z^{24}$ $+22066498472856111624870 z^{23}$ $+5342415828964890138450 z^{22}$ $+1224303769194348726585 z^{21} + 265055458304961807210 z^{20}$ $+54092923541389488600 z^{19} + 10381451441229921975 z^{18}$ $+1868653843582843863 z^{17} + 314524417542953904 z^{16}$ $+49337435195847747 z^{15} + 7185452775077889 z^{14}$ $+967484481670161 z^{13} + 119865969761733 z^{12}$ $+13594565312523 z^{11} + 1403926626375 z^{10} + 131373896953 z^9$ $+11088001197 z^8 + 844880517 z^7 + 58373679 z^6 + 3519594 z^5$ $+225459 z^4 + 6591 z^3 + 702 z^2 + 1$	
		$z^{119} + 952 z^{117} + 405076 z^{115} + 101722152 z^{113} + 410338673 z^{112}$ $+16785535242 z^{111} + 114894828440 z^{110} + 1921492210792 z^{109}$ $+14832922351604 z^{108} + 157509787090180 z^{107}$ $+1173374924926344 z^{106} + 9453331197257272 z^{105}$ $+63793854113798858 z^{104} + 423666163267935147 z^{103}$ $+2536062127610173064 z^{102} + 14466502746292955792 z^{101}$ $+76635178329957090788 z^{100} + 383835045098318817080 z^{99}$ $+1808073528200604359640 z^{98}$ $+8056798252443242306480 z^{97}$ $+33974817950566806482715 z^{96}$ $+135902502072901331010180 z^{95}$ $+516432831917323416920272 z^{94}$ $+1867081244865536825511792 z^{93}$ $+6431115160059334180893688 z^{92}$ $+21130704934738030173911992 z^{91}$ $+66306814286479176060631792 z^{90}$ $+198920407061699795556451920 z^{89}$ $+571093833511964674528983940 z^{88}$	

$\{[119, 2, 113]\}$

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

$+1570508764224641218220069673 z^{87}$
 $+4140430974450516916935332400 z^{86}$
 $+10472856045597359404584907880 z^{85}$
 $+25434078935708150950231745784 z^{84}$
 $+59346181441915063702084014524 z^{83}$
 $+133127926826235646983149533712 z^{82}$
 $+287276044536980030755623956024 z^{81}$
 $+596650250880938550621219132889 z^{80}$
 $+1193300508197913045904312033366 z^{79}$
 $+2299286323251134696523886454536 z^{78}$
 $+4270103203566317859769497918392 z^{77}$
 $+7646463852628631168632121611676 z^{76}$
 $+13207528463253282176160878200556 z^{75}$
 $+22012547495262371224854045956440 z^{74}$
 $+35411489360813337239937357358120 z^{73}$
 $+55000823971234879989060418138390 z^{72}$
 $+82501235964765756109410302294795 z^{71}$
 $+119542607099394595778740543510040 z^{70}$
 $+167359650121108736839524790278752 z^{69}$
 $+226427761783372505803771998093196 z^{68}$
 $+296097842329934159835799191285328 z^{67}$
 $+374312366905097922029153141435656 z^{66}$
 $+457492892597105224494032220081952 z^{65}$
 $+540673418742810857450042402728891 z^{64}$
 $+617912478561743168015203989095608 z^{63}$
 $+682955897118440730127617639904224 z^{62}$
 $+730056304164372834456145508761248 z^{61}$
 $+754803975243458025652255230484176 z^{60}$
 $+754803975243458025652255230484176 z^{59}$
 $+730056304164372834456145508761248 z^{58}$
 $+682955897118440730127617639904224 z^{57}$

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

+617912478561743168015203989095608 z^{56}
 +540673418742810857450042402728891 z^{55}
 +457492892597105224494032220081952 z^{54}
 +374312366905097922029153141435656 z^{53}
 +296097842329934159835799191285328 z^{52}
 +226427761783372505803771998093196 z^{51}
 +167359650121108736839524790278752 z^{50}
 +119542607099394595778740543510040 z^{49}
 +82501235964765756109410302294795 z^{48}
 +55000823971234879989060418138390 z^{47}
 +35411489360813337239937357358120 z^{46}
 +22012547495262371224854045956440 z^{45}
 +13207528463253282176160878200556 z^{44}
 +7646463852628631168632121611676 z^{43}
 +4270103203566317859769497918392 z^{42}
 +2299286323251134696523886454536 z^{41}
 +1193300508197913045904312033366 z^{40}
 +596650250880938550621219132889 z^{39}
 +287276044536980030755623956024 z^{38}
 +133127926826235646983149533712 z^{37}
 +59346181441915063702084014524 z^{36}
 +25434078935708150950231745784 z^{35}
 +10472856045597359404584907880 z^{34}
 +4140430974450516916935332400 z^{33}
 +1570508764224641218220069673 z^{32}
 +571093833511964674528983940 z^{31}
 +198920407061699795556451920 z^{30}
 +66306814286479176060631792 z^{29}
 +21130704934738030173911992 z^{28}
 +6431115160059334180893688 z^{27}
 +1867081244865536825511792 z^{26}

		$+516432831917323416920272 z^{25}$ $+135902502072901331010180 z^{24}$ $+33974817950566806482715 z^{23}$ $+8056798252443242306480 z^{22}$ $+1808073528200604359640 z^{21} + 383835045098318817080 z^{20}$ $+76635178329957090788 z^{19} + 14466502746292955792 z^{18}$ $+2536062127610173064 z^{17} + 423666163267935147 z^{16}$ $+63793854113798858 z^{15} + 9453331197257272 z^{14}$ $+1173374924926344 z^{13} + 157509787090180 z^{12}$ $+14832922351604 z^{11} + 1921492210792 z^{10} + 114894828440 z^9$ $+16785535242 z^8 + 410338673 z^7 + 101722152 z^6 + 405076 z^4$ $+952 z^2 + 1$	
		$z^{120} + 1140 z^{118} + 570570 z^{116} + 165029060 z^{114} + 30616218195 z^{112}$ $+ 3837481648536 z^{110} + 335556896996020 z^{108}$ $+ 21028756336883160 z^{106} + 971345715418291245 z^{104}$ $+ 33968552747493553740 z^{102} + 920713590096957668046 z^{100}$ $+ 19729090434642627500700 z^{98}$ $+ 339755699145367384092975 z^{96}$ $+ 4767042128649940277214000 z^{94}$ $+ 55123665649170504466941000 z^{92}$ $+ 530454349425822786320702000 z^{90}$ $+ 4283204827497902608693096125 z^{88}$ $+ 29226574304515492291153984500 z^{86}$ $+ 169560523282111836921620677850 z^{84}$ $+ 840807942839094087872088797700 z^{82}$ $+ 3579901506636118433049239586615 z^{80}$ $+ 13138779050004326705544096047400 z^{78}$ $+ 41707984670373066952760530178700 z^{76}$ $+ 114848073726114685131844302685800 z^{74}$ $+ 275004119773375749187434972825225 z^{72}$ $+ 573804514412193903066319613962476 z^{70}$	

$\{[120, 2, 114]\}$	$x^6 + 1$	$ \begin{aligned} &+1045051208420232920631397068155790 z^{68} \\ &+1663610519038278741802607499489020 z^{66} \\ &+2317171794317901077225905894394835 z^{64} \\ &+2826024402549937439520930720009120 z^{62} \\ &+3019215901307712682007045442477296 z^{60} \\ &+2826024402549937439520930720009120 z^{58} \\ &+2317171794317901077225905894394835 z^{56} \\ &+1663610519038278741802607499489020 z^{54} \\ &+1045051208420232920631397068155790 z^{52} \\ &+573804514412193903066319613962476 z^{50} \\ &+275004119773375749187434972825225 z^{48} \\ &+114848073726114685131844302685800 z^{46} \\ &+41707984670373066952760530178700 z^{44} \\ &+13138779050004326705544096047400 z^{42} \\ &+3579901506636118433049239586615 z^{40} \\ &+840807942839094087872088797700 z^{38} \\ &+169560523282111836921620677850 z^{36} \\ &+29226574304515492291153984500 z^{34} \\ &+4283204827497902608693096125 z^{32} \\ &+530454349425822786320702000 z^{30} \\ &+55123665649170504466941000 z^{28} \\ &+4767042128649940277214000 z^{26} \\ &+339755699145367384092975 z^{24} \\ &+19729090434642627500700 z^{22} \\ &+920713590096957668046 z^{20} + 33968552747493553740 z^{18} \\ &+971345715418291245 z^{16} + 21028756336883160 z^{14} \\ &+335556896996020 z^{12} + 3837481648536 z^{10} + 30616218195 z^8 \\ &+165029060 z^6 + 570570 z^4 + 1140 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
		$ \begin{aligned} &z^{120} + 420 z^{118} + 2560 z^{117} + 144810 z^{116} + 2880000 z^{115} \\ &+ 57258420 z^{114} + 929710080 z^{113} + 13126164435 z^{112} \\ &+ 163399905280 z^{111} + 1813541306424 z^{110} \end{aligned} $	

$$\begin{aligned}
&+18135549066240 z^{109} + 164732623157620 z^{108} \\
&+1368543790586880 z^{107} + 10459587275646840 z^{106} \\
&+73914432152481792 z^{105} + 485063392979283885 z^{104} \\
&+2967446716783165440 z^{103} + 16980389840857571100 z^{102} \\
&+91157881360433518080 z^{101} + 460347300919727867502 z^{100} \\
&+2192130007962968686080 z^{99} \\
&+9864585030089980470060 z^{98} \\
&+42031710126407734640640 z^{97} \\
&+169878161786437588392495 z^{96} \\
&+652332141216287491940352 z^{95} \\
&+2383521285177485472386160 z^{94} \\
&+8298185215283819851479040 z^{93} \\
&+27561829464911789811424200 z^{92} \\
&+87437527957139462883932160 z^{91} \\
&+265227168137558671793397616 z^{90} \\
&+770014359109236993568727040 z^{89} \\
&+2141602436270247389856735165 z^{88} \\
&+5710939830056857133143080960 z^{87} \\
&+14613287212206342454200148260 z^{86} \\
&+35906934292838747938569816576 z^{85} \\
&+84780261524765390317002702010 z^{84} \\
&+192474107245434906995668308480 z^{83} \\
&+420403971088678190175874931700 z^{82} \\
&+883926298186434342973197844480 z^{81} \\
&+1789950753827606436148849991607 z^{80} \\
&+3492586836736761727067046727680 z^{79} \\
&+6569389526242864459546874035080 z^{78} \\
&+11916567047603472010515299312640 z^{77} \\
&+20853992333306077527966915346380 z^{76} \\
&+35220075940694464616094107059200 z^{75} \\
&+57424036859828184108901640462280 z^{74}
\end{aligned}$$

+90412313353772253576338525736960 z^{73}
 +137502059892194700637854138905865 z^{72}
 +202043843106898404457584782622720 z^{71}
 +286902257211796536967037546959164 z^{70}
 +393787411859327999759826333672960 z^{69}
 +522525604197953896973918487275310 z^{68}
 +670410209159639982775965531041280 z^{67}
 +831805259512886458919204321246220 z^{66}
 +998166311415462761418560444399616 z^{65}
 +1158585897178663262452308474094035 z^{64}
 +1300868375779552051254833858887680 z^{63}
 +1413012201277787598430062577078560 z^{62}
 +1484860279308862248438382279987200 z^{61}
 +1509607950630678127204869469672944 z^{60}
 +1484860279308862248438382279987200 z^{59}
 +1413012201277787598430062577078560 z^{58}
 +1300868375779552051254833858887680 z^{57}
 +1158585897178663262452308474094035 z^{56}
 +998166311415462761418560444399616 z^{55}
 +831805259512886458919204321246220 z^{54}
 +670410209159639982775965531041280 z^{53}
 +522525604197953896973918487275310 z^{52}
 +393787411859327999759826333672960 z^{51}
 +286902257211796536967037546959164 z^{50}
 +202043843106898404457584782622720 z^{49}
 +137502059892194700637854138905865 z^{48}
 +90412313353772253576338525736960 z^{47}
 +57424036859828184108901640462280 z^{46}
 +35220075940694464616094107059200 z^{45}
 +20853992333306077527966915346380 z^{44}
 +11916567047603472010515299312640 z^{43}

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

		$+6569389526242864459546874035080 z^{42}$ $+3492586836736761727067046727680 z^{41}$ $+1789950753827606436148849991607 z^{40}$ $+883926298186434342973197844480 z^{39}$ $+420403971088678190175874931700 z^{38}$ $+192474107245434906995668308480 z^{37}$ $+84780261524765390317002702010 z^{36}$ $+35906934292838747938569816576 z^{35}$ $+14613287212206342454200148260 z^{34}$ $+5710939830056857133143080960 z^{33}$ $+2141602436270247389856735165 z^{32}$ $+770014359109236993568727040 z^{31}$ $+265227168137558671793397616 z^{30}$ $+87437527957139462883932160 z^{29}$ $+27561829464911789811424200 z^{28}$ $+8298185215283819851479040 z^{27}$ $+2383521285177485472386160 z^{26}$ $+652332141216287491940352 z^{25}$ $+169878161786437588392495 z^{24}$ $+42031710126407734640640 z^{23}$ $+9864585030089980470060 z^{22}$ $+2192130007962968686080 z^{21} + 460347300919727867502 z^{20}$ $+91157881360433518080 z^{19} + 16980389840857571100 z^{18}$ $+2967446716783165440 z^{17} + 485063392979283885 z^{16}$ $+73914432152481792 z^{15} + 10459587275646840 z^{14}$ $+1368543790586880 z^{13} + 164732623157620 z^{12}$ $+18135549066240 z^{11} + 1813541306424 z^{10} + 163399905280 z^9$ $+13126164435 z^8 + 929710080 z^7 + 57258420 z^6 + 2880000 z^5$ $+144810 z^4 + 2560 z^3 + 420 z^2 + 1$	
		$z^{120} + 840 z^{118} + 420870 z^{116} + 127703240 z^{114} + 26731599555 z^{112}$ $+ 3634057995024 z^{110} + 329487037519180 z^{108}$	

$\{[120, 2, 114]\}$

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

$$\begin{aligned}
&+20918830375495440 z^{106} + 970124991993146205 z^{104} \\
&+33960791042263451160 z^{102} + 920694648544378762914 z^{100} \\
&+19729169749027023355800 z^{98} \\
&+339756323203541925869775 z^{96} \\
&+4767042575607295267424160 z^{94} \\
&+55123658924264688890856120 z^{92} \\
&+530454336233386866472736672 z^{90} \\
&+4283204872668540776498510685 z^{88} \\
&+29226574424461598813639078280 z^{86} \\
&+169560523048669563298006110710 z^{84} \\
&+840807942178664838339104941320 z^{82} \\
&+3579901507656747417434646092679 z^{80} \\
&+13138779052478130176001409440240 z^{78} \\
&+41707984666619266931205067112820 z^{76} \\
&+114848073719667477143121173065200 z^{74} \\
&+275004119784355131638779713104025 z^{72} \\
&+573804514423616172620941738306584 z^{70} \\
&+1045051208395943923719876218989410 z^{68} \\
&+1663610519025687826993962709801880 z^{66} \\
&+2317171794357374198353771543135635 z^{64} \\
&+2826024402555632862645026928496320 z^{62} \\
&+3019215901261240363703335431834896 z^{60} \\
&+2826024402555632862645026928496320 z^{58} \\
&+2317171794357374198353771543135635 z^{56} \\
&+1663610519025687826993962709801880 z^{54} \\
&+1045051208395943923719876218989410 z^{52} \\
&+573804514423616172620941738306584 z^{50} \\
&+275004119784355131638779713104025 z^{48} \\
&+114848073719667477143121173065200 z^{46} \\
&+41707984666619266931205067112820 z^{44} \\
&+13138779052478130176001409440240 z^{42}
\end{aligned}$$

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

		$+3579901507656747417434646092679 z^{40}$ $+840807942178664838339104941320 z^{38}$ $+169560523048669563298006110710 z^{36}$ $+29226574424461598813639078280 z^{34}$ $+4283204872668540776498510685 z^{32}$ $+530454336233386866472736672 z^{30}$ $+55123658924264688890856120 z^{28}$ $+4767042575607295267424160 z^{26}$ $+339756323203541925869775 z^{24}$ $+19729169749027023355800 z^{22}$ $+920694648544378762914 z^{20} + 33960791042263451160 z^{18}$ $+970124991993146205 z^{16} + 20918830375495440 z^{14}$ $+329487037519180 z^{12} + 3634057995024 z^{10} + 26731599555 z^8$ $+127703240 z^6 + 420870 z^4 + 840 z^2 + 1$	
		$z^{120} + 420 z^{118} + 206250 z^{116} + 1966080 z^{115} + 67416500 z^{114}$ $+ 839516160 z^{113} + 13792911315 z^{112} + 159207260160 z^{111}$ $+ 1836217090104 z^{110} + 18029494272000 z^{109}$ $+ 165161319979380 z^{108} + 1367057716346880 z^{107}$ $+ 10463923833726840 z^{106} + 73904220061171712 z^{105}$ $+ 485080604259135405 z^{104} + 2967436916779253760 z^{103}$ $+ 16980329634696961820 z^{102} + 91158162450451660800 z^{101}$ $+ 460346596198452762222 z^{100}$ $+ 2192131072750849884160 z^{99}$ $+ 9864584747136958948140 z^{98}$ $+ 42031706429882345717760 z^{97}$ $+ 169878174035624743213615 z^{96}$ $+ 652332120268725234696192 z^{95}$ $+ 2383521297960855947660400 z^{94}$ $+ 8298185254945078880501760 z^{93}$ $+ 27561829319945712066599880 z^{92}$ $+ 87437528189794226000363520 z^{91}$	

$\{[120, 2, 114]\}$ $x^6 + x^4 + x^3 + x^2 + 1$

+265227168024002254017863536 z^{90}
+770014358689932722963742720 z^{89}
+2141602437532582950768320445 z^{88}
+5710939828434337298958254080 z^{87}
+14613287212375077725473906980 z^{86}
+35906934296522625561292701696 z^{85}
+84780261516997173015249726650 z^{84}
+192474107252090865224663040000 z^{83}
+420403971093230265481615137780 z^{82}
+883926298163867964253129277440 z^{81}
+1789950753858908110425181265847 z^{80}
+3492586836726358083709751132160 z^{79}
+6569389526201069824448650951560 z^{78}
+11916567047692603637105879285760 z^{77}
+20853992333234289224095094628300 z^{76}
+35220075940656774300281611878400 z^{75}
+57424036860005874007220156850120 z^{74}
+90412313353560180427891233914880 z^{73}
+137502059892238725114659913364745 z^{72}
+202043843107149782570896630087680 z^{71}
+286902257211371293095621126361404 z^{70}
+393787411859578140088356865966080 z^{69}
+522525604198179978307974168360750 z^{68}
+670410209159007487386267730575360 z^{67}
+831805259513444908058844801809420 z^{66}
+998166311415502027010813270163456 z^{65}
+1158585897177954943182786810831315 z^{64}
+1300868375780401902102772897546240 z^{63}
+1413012201277513878199888448213280 z^{62}
+1484860279308289163797841589043200 z^{61}
+1509607950631648805952804990031344 z^{60}

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

+1484860279308289163797841589043200 z^{59}
+1413012201277513878199888448213280 z^{58}
+1300868375780401902102772897546240 z^{57}
+1158585897177954943182786810831315 z^{56}
+998166311415502027010813270163456 z^{55}
+831805259513444908058844801809420 z^{54}
+670410209159007487386267730575360 z^{53}
+522525604198179978307974168360750 z^{52}
+393787411859578140088356865966080 z^{51}
+286902257211371293095621126361404 z^{50}
+202043843107149782570896630087680 z^{49}
+137502059892238725114659913364745 z^{48}
+90412313353560180427891233914880 z^{47}
+57424036860005874007220156850120 z^{46}
+35220075940656774300281611878400 z^{45}
+20853992333234289224095094628300 z^{44}
+11916567047692603637105879285760 z^{43}
+6569389526201069824448650951560 z^{42}
+3492586836726358083709751132160 z^{41}
+1789950753858908110425181265847 z^{40}
+883926298163867964253129277440 z^{39}
+420403971093230265481615137780 z^{38}
+192474107252090865224663040000 z^{37}
+84780261516997173015249726650 z^{36}
+35906934296522625561292701696 z^{35}
+14613287212375077725473906980 z^{34}
+5710939828434337298958254080 z^{33}
+2141602437532582950768320445 z^{32}
+770014358689932722963742720 z^{31}
+265227168024002254017863536 z^{30}
+87437528189794226000363520 z^{29}

		$+27561829319945712066599880 z^{28}$ $+8298185254945078880501760 z^{27}$ $+2383521297960855947660400 z^{26}$ $+652332120268725234696192 z^{25}$ $+169878174035624743213615 z^{24}$ $+42031706429882345717760 z^{23}$ $+9864584747136958948140 z^{22}$ $+2192131072750849884160 z^{21} + 460346596198452762222 z^{20}$ $+91158162450451660800 z^{19} + 16980329634696961820 z^{18}$ $+2967436916779253760 z^{17} + 485080604259135405 z^{16}$ $+73904220061171712 z^{15} + 10463923833726840 z^{14}$ $+1367057716346880 z^{13} + 165161319979380 z^{12}$ $+18029494272000 z^{11} + 1836217090104 z^{10} + 159207260160 z^9$ $+13792911315 z^8 + 839516160 z^7 + 67416500 z^6 + 1966080 z^5$ $+206250 z^4 + 420 z^2 + 1$	
		$z^{120} + 180 z^{118} + 257610 z^{116} + 114136580 z^{114} + 26258286675 z^{112}$ $+ 3627129992472 z^{110} + 329464363045300 z^{108}$ $+ 20919176698817880 z^{106} + 970126819147952685 z^{104}$ $+ 33960779371775943180 z^{102} + 920694602847804365646 z^{100}$ $+ 19729170061051926231900 z^{98}$ $+ 339756323551519188944175 z^{96}$ $+ 4767042570444292457697840 z^{94}$ $+ 55123658929670860683115080 z^{92}$ $+ 530454336274906245993816368 z^{90}$ $+ 4283204872542487872850469565 z^{88}$ $+ 29226574424407093183504160820 z^{86}$ $+ 169560523049537697184055790170 z^{84}$ $+ 840807942177362910201562799940 z^{82}$ $+ 3579901507655164020358540337463 z^{80}$ $+ 13138779052485836674669368621480 z^{78}$ $+ 41707984666612044606571965049740 z^{76}$	

{ [120, 2, 114] }	$x^6 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+114848073719656306090519339463400 z^{74} \\ &+275004119784389866982546951231625 z^{72} \\ &+573804514423592131346611811417772 z^{70} \\ &+1045051208395908900375217039707150 z^{68} \\ &+1663610519025772324771469075158460 z^{66} \\ &+2317171794357325965383127355622355 z^{64} \\ &+2826024402555576974299699419250080 z^{62} \\ &+3019215901261353953852912553513200 z^{60} \\ &+2826024402555576974299699419250080 z^{58} \\ &+2317171794357325965383127355622355 z^{56} \\ &+1663610519025772324771469075158460 z^{54} \\ &+1045051208395908900375217039707150 z^{52} \\ &+573804514423592131346611811417772 z^{50} \\ &+275004119784389866982546951231625 z^{48} \\ &+114848073719656306090519339463400 z^{46} \\ &+41707984666612044606571965049740 z^{44} \\ &+13138779052485836674669368621480 z^{42} \\ &+3579901507655164020358540337463 z^{40} \\ &+840807942177362910201562799940 z^{38} \\ &+169560523049537697184055790170 z^{36} \\ &+29226574424407093183504160820 z^{34} \\ &+4283204872542487872850469565 z^{32} \\ &+530454336274906245993816368 z^{30} \\ &+55123658929670860683115080 z^{28} \\ &+4767042570444292457697840 z^{26} \\ &+339756323551519188944175 z^{24} \\ &+19729170061051926231900 z^{22} \\ &+920694602847804365646 z^{20} + 33960779371775943180 z^{18} \\ &+970126819147952685 z^{16} + 20919176698817880 z^{14} \\ &+329464363045300 z^{12} + 3627129992472 z^{10} + 26258286675 z^8 \\ &+114136580 z^6 + 257610 z^4 + 180 z^2 + 1 \end{aligned} $	{ [60, $\sqrt{30}$] }
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$\{[120, 2, 114]\}$

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

$$\begin{aligned}
& z^{120} + 180 z^{118} + 257610 z^{116} + 114136580 z^{114} + 26258286675 z^{112} \\
& + 3627129992472 z^{110} + 329464363045300 z^{108} \\
& + 20919176698817880 z^{106} + 970126819147952685 z^{104} \\
& + 33960779371775943180 z^{102} + 920694602847804365646 z^{100} \\
& + 19729170061051926231900 z^{98} \\
& + 339756323551519188944175 z^{96} \\
& + 4767042570444292457697840 z^{94} \\
& + 55123658929670860683115080 z^{92} \\
& + 530454336274906245993816368 z^{90} \\
& + 4283204872542487872850469565 z^{88} \\
& + 29226574424407093183504160820 z^{86} \\
& + 169560523049537697184055790170 z^{84} \\
& + 840807942177362910201562799940 z^{82} \\
& + 3579901507655164020358540337463 z^{80} \\
& + 13138779052485836674669368621480 z^{78} \\
& + 41707984666612044606571965049740 z^{76} \\
& + 114848073719656306090519339463400 z^{74} \\
& + 275004119784389866982546951231625 z^{72} \\
& + 573804514423592131346611811417772 z^{70} \\
& + 1045051208395908900375217039707150 z^{68} \\
& + 1663610519025772324771469075158460 z^{66} \\
& + 2317171794357325965383127355622355 z^{64} \\
& + 2826024402555576974299699419250080 z^{62} \\
& + 3019215901261353953852912553513200 z^{60} \\
& + 2826024402555576974299699419250080 z^{58} \\
& + 2317171794357325965383127355622355 z^{56} \\
& + 1663610519025772324771469075158460 z^{54} \\
& + 1045051208395908900375217039707150 z^{52} \\
& + 573804514423592131346611811417772 z^{50} \\
& + 275004119784389866982546951231625 z^{48} \\
& + 114848073719656306090519339463400 z^{46}
\end{aligned}$$

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

		$ \begin{aligned} &+41707984666612044606571965049740 z^{44} \\ &+13138779052485836674669368621480 z^{42} \\ &+3579901507655164020358540337463 z^{40} \\ &+840807942177362910201562799940 z^{38} \\ &+169560523049537697184055790170 z^{36} \\ &+29226574424407093183504160820 z^{34} \\ &+4283204872542487872850469565 z^{32} \\ &+530454336274906245993816368 z^{30} \\ &+55123658929670860683115080 z^{28} \\ &+4767042570444292457697840 z^{26} \\ &+339756323551519188944175 z^{24} \\ &+19729170061051926231900 z^{22} \\ &+920694602847804365646 z^{20} + 33960779371775943180 z^{18} \\ &+970126819147952685 z^{16} + 20919176698817880 z^{14} \\ &+329464363045300 z^{12} + 3627129992472 z^{10} + 26258286675 z^8 \\ &+114136580 z^6 + 257610 z^4 + 180 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{120} + 420 z^{118} + 2560 z^{117} + 144810 z^{116} + 2880000 z^{115} \\ &+ 57258420 z^{114} + 929710080 z^{113} + 13126164435 z^{112} \\ &+ 163399905280 z^{111} + 1813541306424 z^{110} \\ &+ 18135549066240 z^{109} + 164732623157620 z^{108} \\ &+ 1368543790586880 z^{107} + 10459587275646840 z^{106} \\ &+ 73914432152481792 z^{105} + 485063392979283885 z^{104} \\ &+ 2967446716783165440 z^{103} + 16980389840857571100 z^{102} \\ &+ 91157881360433518080 z^{101} + 460347300919727867502 z^{100} \\ &+ 2192130007962968686080 z^{99} \\ &+ 9864585030089980470060 z^{98} \\ &+ 42031710126407734640640 z^{97} \\ &+ 169878161786437588392495 z^{96} \\ &+ 652332141216287491940352 z^{95} \\ &+ 2383521285177485472386160 z^{94} \\ &+ 8298185215283819851479040 z^{93} \end{aligned} $	

+27561829464911789811424200 z^{92}
 +87437527957139462883932160 z^{91}
 +265227168137558671793397616 z^{90}
 +770014359109236993568727040 z^{89}
 +2141602436270247389856735165 z^{88}
 +5710939830056857133143080960 z^{87}
 +14613287212206342454200148260 z^{86}
 +35906934292838747938569816576 z^{85}
 +84780261524765390317002702010 z^{84}
 +192474107245434906995668308480 z^{83}
 +420403971088678190175874931700 z^{82}
 +883926298186434342973197844480 z^{81}
 +1789950753827606436148849991607 z^{80}
 +3492586836736761727067046727680 z^{79}
 +6569389526242864459546874035080 z^{78}
 +11916567047603472010515299312640 z^{77}
 +20853992333306077527966915346380 z^{76}
 +35220075940694464616094107059200 z^{75}
 +57424036859828184108901640462280 z^{74}
 +90412313353772253576338525736960 z^{73}
 +137502059892194700637854138905865 z^{72}
 +202043843106898404457584782622720 z^{71}
 +286902257211796536967037546959164 z^{70}
 +393787411859327999759826333672960 z^{69}
 +522525604197953896973918487275310 z^{68}
 +670410209159639982775965531041280 z^{67}
 +831805259512886458919204321246220 z^{66}
 +998166311415462761418560444399616 z^{65}
 +1158585897178663262452308474094035 z^{64}
 +1300868375779552051254833858887680 z^{63}
 +1413012201277787598430062577078560 z^{62}

+1484860279308862248438382279987200 z^{61}
 +1509607950630678127204869469672944 z^{60}
 +1484860279308862248438382279987200 z^{59}
 +1413012201277787598430062577078560 z^{58}
 +1300868375779552051254833858887680 z^{57}
 +1158585897178663262452308474094035 z^{56}
 +998166311415462761418560444399616 z^{55}
 +831805259512886458919204321246220 z^{54}
 +670410209159639982775965531041280 z^{53}
 +522525604197953896973918487275310 z^{52}
 +393787411859327999759826333672960 z^{51}
 +286902257211796536967037546959164 z^{50}
 +202043843106898404457584782622720 z^{49}
 +137502059892194700637854138905865 z^{48}
 +90412313353772253576338525736960 z^{47}
 +57424036859828184108901640462280 z^{46}
 +35220075940694464616094107059200 z^{45}
 +20853992333306077527966915346380 z^{44}
 +11916567047603472010515299312640 z^{43}
 +6569389526242864459546874035080 z^{42}
 +3492586836736761727067046727680 z^{41}
 +1789950753827606436148849991607 z^{40}
 +883926298186434342973197844480 z^{39}
 +420403971088678190175874931700 z^{38}
 +192474107245434906995668308480 z^{37}
 +84780261524765390317002702010 z^{36}
 +35906934292838747938569816576 z^{35}
 +14613287212206342454200148260 z^{34}
 +5710939830056857133143080960 z^{33}
 +2141602436270247389856735165 z^{32}
 +770014359109236993568727040 z^{31}

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

		$+265227168137558671793397616 z^{30}$ $+87437527957139462883932160 z^{29}$ $+27561829464911789811424200 z^{28}$ $+8298185215283819851479040 z^{27}$ $+2383521285177485472386160 z^{26}$ $+652332141216287491940352 z^{25}$ $+169878161786437588392495 z^{24}$ $+42031710126407734640640 z^{23}$ $+9864585030089980470060 z^{22}$ $+2192130007962968686080 z^{21} + 460347300919727867502 z^{20}$ $+91157881360433518080 z^{19} + 16980389840857571100 z^{18}$ $+2967446716783165440 z^{17} + 485063392979283885 z^{16}$ $+73914432152481792 z^{15} + 10459587275646840 z^{14}$ $+1368543790586880 z^{13} + 164732623157620 z^{12}$ $+18135549066240 z^{11} + 1813541306424 z^{10} + 163399905280 z^9$ $+13126164435 z^8 + 929710080 z^7 + 57258420 z^6 + 2880000 z^5$ $+144810 z^4 + 2560 z^3 + 420 z^2 + 1$	
		$z^{120} + 540 z^{118} + 316170 z^{116} + 118737420 z^{114} + 26415096915 z^{112}$ $+ 3629427997512 z^{110} + 329472120505140 z^{108}$ $+ 20919060440998920 z^{106} + 970126207254965805 z^{104}$ $+ 33960783303440039460 z^{102} + 920694617926696147854 z^{100}$ $+ 19729169957003383329300 z^{98}$ $+ 339756323438083481705775 z^{96}$ $+ 4767042572155364277382800 z^{94}$ $+ 55123658927876909023158600 z^{92}$ $+ 530454336261146422913948560 z^{90}$ $+ 4283204872584095077621480125 z^{88}$ $+ 29226574424426234529210476700 z^{86}$ $+ 169560523049247477316968312090 z^{84}$ $+ 840807942177794311568648299980 z^{82}$ $+ 3579901507655704166356666148151 z^{80}$	

$\{[120, 2, 114]\}$ $x^6 + x^5 + x^4 + x^2 + x + 1$
$$\begin{aligned} &+13138779052483240940782233997560 z^{78} \\ &+41707984666614485410132726829580 z^{76} \\ &+114848073719660021001149209558200 z^{74} \\ &+275004119784378226536848805158025 z^{72} \\ &+573804514423600304766175846568964 z^{70} \\ &+1045051208395920350634313238725710 z^{68} \\ &+1663610519025744351088247662723380 z^{66} \\ &+2317171794357341984443397289169875 z^{64} \\ &+2826024402555595505223259515160800 z^{62} \\ &+3019215901261316258756856043000560 z^{60} \\ &+2826024402555595505223259515160800 z^{58} \\ &+2317171794357341984443397289169875 z^{56} \\ &+1663610519025744351088247662723380 z^{54} \\ &+1045051208395920350634313238725710 z^{52} \\ &+573804514423600304766175846568964 z^{50} \\ &+275004119784378226536848805158025 z^{48} \\ &+114848073719660021001149209558200 z^{46} \\ &+41707984666614485410132726829580 z^{44} \\ &+13138779052483240940782233997560 z^{42} \\ &+3579901507655704166356666148151 z^{40} \\ &+840807942177794311568648299980 z^{38} \\ &+169560523049247477316968312090 z^{36} \\ &+29226574424426234529210476700 z^{34} \\ &+4283204872584095077621480125 z^{32} \\ &+530454336261146422913948560 z^{30} \\ &+55123658927876909023158600 z^{28} \\ &+4767042572155364277382800 z^{26} \\ &+339756323438083481705775 z^{24} \\ &+19729169957003383329300 z^{22} \\ &+920694617926696147854 z^{20} + 33960783303440039460 z^{18} \\ &+970126207254965805 z^{16} + 20919060440998920 z^{14} \end{aligned}$$
 $\{[60, \sqrt{30}]\}$

		$+329472120505140 z^{12} + 3629427997512 z^{10} + 26415096915 z^8$ $+ 118737420 z^6 + 316170 z^4 + 540 z^2 + 1$	
		$z^{120} + 540 z^{118} + 4000 z^{117} + 166170 z^{116} + 2964000 z^{115}$ $+ 57537420 z^{114} + 929510400 z^{113} + 13121376915 z^{112}$ $+ 163386745600 z^{111} + 1813522477512 z^{110}$ $+ 18135639238080 z^{109} + 164733165629140 z^{108}$ $+ 1368544155725760 z^{107} + 10459584984694920 z^{106}$ $+ 73914425795980032 z^{105} + 485063384002417005 z^{104}$ $+ 2967446736885995520 z^{103} + 16980389957611069860 z^{102}$ $+ 91157881448549067360 z^{101} + 460347300601099447614 z^{100}$ $+ 2192130007013032600800 z^{99}$ $+ 9864585028857166401300 z^{98}$ $+ 42031710129295739673600 z^{97}$ $+ 169878161799435236441775 z^{96}$ $+ 652332141218940523740672 z^{95}$ $+ 2383521285131450580685200 z^{94}$ $+ 8298185215228367467742080 z^{93}$ $+ 27561829464962089439339400 z^{92}$ $+ 87437527957360717234592640 z^{91}$ $+ 265227168137820850004010640 z^{90}$ $+ 770014359108843330859752960 z^{89}$ $+ 2141602436268743299943204925 z^{88}$ $+ 5710939830056581665482296320 z^{87}$ $+ 14613287212210129317672025500 z^{86}$ $+ 35906934292842616335591401376 z^{85}$ $+ 84780261524761310308050502570 z^{84}$ $+ 192474107245422625147981017120 z^{83}$ $+ 420403971088671573580363134540 z^{82}$ $+ 883926298186456234616459714560 z^{81}$ $+ 1789950753827646019591934456823 z^{80}$ $+ 3492586836736744747881056851200 z^{79}$	

$\{[120, 2, 114]\}$

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

+6569389526242773301627275509880 z^{78}
+11916567047603445145322711361600 z^{77}
+20853992333306197523327384543340 z^{76}
+35220075940694582630671915260480 z^{75}
+57424036859828132995463505324600 z^{74}
+90412313353772040007494203424000 z^{73}
+137502059892194537672457722442825 z^{72}
+202043843106898620814720316544000 z^{71}
+286902257211796988746079185897092 z^{70}
+393787411859327957790228302371680 z^{69}
+522525604197953289416729046328830 z^{68}
+670410209159639706607051718177760 z^{67}
+831805259512886876364133293317940 z^{66}
+998166311415463313231231439230976 z^{65}
+1158585897178663385335492893830355 z^{64}
+1300868375779551490395911653524480 z^{63}
+1413012201277786874092156790811360 z^{62}
+1484860279308862485685097294711040 z^{61}
+1509607950630679114368322552388208 z^{60}
+1484860279308862485685097294711040 z^{59}
+1413012201277786874092156790811360 z^{58}
+1300868375779551490395911653524480 z^{57}
+1158585897178663385335492893830355 z^{56}
+998166311415463313231231439230976 z^{55}
+831805259512886876364133293317940 z^{54}
+670410209159639706607051718177760 z^{53}
+522525604197953289416729046328830 z^{52}
+393787411859327957790228302371680 z^{51}
+286902257211796988746079185897092 z^{50}
+202043843106898620814720316544000 z^{49}
+137502059892194537672457722442825 z^{48}

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

$+90412313353772040007494203424000 z^{47}$
 $+57424036859828132995463505324600 z^{46}$
 $+35220075940694582630671915260480 z^{45}$
 $+20853992333306197523327384543340 z^{44}$
 $+11916567047603445145322711361600 z^{43}$
 $+6569389526242773301627275509880 z^{42}$
 $+3492586836736744747881056851200 z^{41}$
 $+1789950753827646019591934456823 z^{40}$
 $+883926298186456234616459714560 z^{39}$
 $+420403971088671573580363134540 z^{38}$
 $+192474107245422625147981017120 z^{37}$
 $+84780261524761310308050502570 z^{36}$
 $+35906934292842616335591401376 z^{35}$
 $+14613287212210129317672025500 z^{34}$
 $+5710939830056581665482296320 z^{33}$
 $+2141602436268743299943204925 z^{32}$
 $+770014359108843330859752960 z^{31}$
 $+265227168137820850004010640 z^{30}$
 $+87437527957360717234592640 z^{29}$
 $+27561829464962089439339400 z^{28}$
 $+8298185215228367467742080 z^{27}$
 $+2383521285131450580685200 z^{26}$
 $+652332141218940523740672 z^{25}$
 $+169878161799435236441775 z^{24}$
 $+42031710129295739673600 z^{23}$
 $+9864585028857166401300 z^{22}$
 $+2192130007013032600800 z^{21} + 460347300601099447614 z^{20}$
 $+91157881448549067360 z^{19} + 16980389957611069860 z^{18}$
 $+2967446736885995520 z^{17} + 485063384002417005 z^{16}$
 $+73914425795980032 z^{15} + 10459584984694920 z^{14}$
 $+1368544155725760 z^{13} + 164733165629140 z^{12}$

		$+18135639238080 z^{11} + 1813522477512 z^{10} + 163386745600 z^9$ $+13121376915 z^8 + 929510400 z^7 + 57537420 z^6 + 2964000 z^5$ $+166170 z^4 + 4000 z^3 + 540 z^2 + 1$	
$\{[120, 2, 114]\}$	$x^6 + x^5 + x + 1$	$z^{120} + 660 z^{118} + 408330 z^{116} + 134770020 z^{114} + 27586776915 z^{112}$ $+ 3672439679832 z^{110} + 330322554596660 z^{108}$ $+ 20927847260701080 z^{106} + 970161220301702445 z^{104}$ $+ 33960659180306103340 z^{102} + 920693192736158530446 z^{100}$ $+ 19729169493814711700220 z^{98}$ $+ 339756348069302499180335 z^{96}$ $+ 4767042595933642560423600 z^{94}$ $+ 55123658639868228790449480 z^{92}$ $+ 530454336047975349505105328 z^{90}$ $+ 4283204875065476133817937085 z^{88}$ $+ 29226574424749224303993448980 z^{86}$ $+ 169560523033995737163172584730 z^{84}$ $+ 840807942186460486754469247140 z^{82}$ $+ 3579901507717811463041129236023 z^{80}$ $+ 13138779052402150005029389655400 z^{78}$ $+ 41707984666468573426506993420300 z^{76}$ $+ 114848073720011719573658039381160 z^{74}$ $+ 275004119784477544058305751161225 z^{72}$ $+ 573804514422742428350140468102092 z^{70}$ $+ 1045051208396360107851663880522830 z^{68}$ $+ 1663610519026889800893358324638300 z^{66}$ $+ 2317171794355909653442621583892435 z^{64}$ $+ 2826024402555028236773368574551200 z^{62}$ $+ 3019215901263297027367196521065200 z^{60}$ $+ 2826024402555028236773368574551200 z^{58}$ $+ 2317171794355909653442621583892435 z^{56}$ $+ 1663610519026889800893358324638300 z^{54}$ $+ 1045051208396360107851663880522830 z^{52}$	$\{[60, \sqrt{30}]\}$

		$+573804514422742428350140468102092 z^{50}$ $+275004119784477544058305751161225 z^{48}$ $+114848073720011719573658039381160 z^{46}$ $+41707984666468573426506993420300 z^{44}$ $+13138779052402150005029389655400 z^{42}$ $+3579901507717811463041129236023 z^{40}$ $+840807942186460486754469247140 z^{38}$ $+169560523033995737163172584730 z^{36}$ $+29226574424749224303993448980 z^{34}$ $+4283204875065476133817937085 z^{32}$ $+530454336047975349505105328 z^{30}$ $+55123658639868228790449480 z^{28}$ $+4767042595933642560423600 z^{26}$ $+339756348069302499180335 z^{24}$ $+19729169493814711700220 z^{22}$ $+920693192736158530446 z^{20} + 33960659180306103340 z^{18}$ $+970161220301702445 z^{16} + 20927847260701080 z^{14}$ $+330322554596660 z^{12} + 3672439679832 z^{10} + 27586776915 z^8$ $+134770020 z^6 + 408330 z^4 + 660 z^2 + 1$
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