

{[n,q,k]}	Generator Polynomial	Weight Numerator	{Avg Wt,Std}
{[9, 2, 0]}	0	$\frac{1}{512} z^9 + \frac{9}{512} z^8 + \frac{9}{128} z^7 + \frac{21}{128} z^6 + \frac{63}{256} z^5$ $+ \frac{63}{256} z^4 + \frac{21}{128} z^3 + \frac{9}{128} z^2 + \frac{9}{512} z + \frac{1}{512}$	$\left\{ \left[\frac{9}{2}, \frac{3}{2} \right] \right\}$
{[10, 2, 1]}	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{10} + 1$	{[5, 5]}
{[12, 2, 3]}	$x^9 + x^6 + x^3 + 1$	$z^{12} + 3 z^8 + 3 z^4 + 1$	$\{[6, 2\sqrt{3}]\}$
{[12, 2, 3]}	$x^9 + x^8 + x^5 + x^4 + x + 1$	$z^{12} + 6 z^6 + 1$	{[6, 3]}
{[14, 2, 5]}	$x^9 + x^6 + x^5 + x^4 + x^3 + x + 1$	$z^{14} + 7 z^8 + 16 z^7 + 7 z^6 + 1$	$\left\{ \left[7, \frac{\sqrt{14}}{2} \right] \right\}$
{[14, 2, 5]}	$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{14} + 7 z^8 + 16 z^7 + 7 z^6 + 1$	$\left\{ \left[7, \frac{\sqrt{14}}{2} \right] \right\}$
{[15, 2, 6]}	$x^9 + x^6 + x^5 + x^4 + x + 1$	$18 z^{10} + 15 z^8 + 30 z^6 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
{[15, 2, 6]}	$x^9 + x^7 + x^6 + x^3 + x^2 + 1$	$5 z^{12} + 3 z^{10} + 30 z^8 + 25 z^6 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
{[15, 2, 6]}	$x^9 + x^8 + x^5 + x^4 + x^3 + 1$	$18 z^{10} + 15 z^8 + 30 z^6 + 1$	$\left\{ \left[\frac{15}{2}, \frac{\sqrt{15}}{2} \right] \right\}$
{[16, 2, 7]}	$x^9 + x^8 + x + 1$	$z^{16} + 28 z^{12} + 70 z^8 + 28 z^4 + 1$	$\{[8, 2\sqrt{2}]\}$
{[17, 2, 8]}	$x^9 + x^6 + x^5 + x^4 + x^3 + 1$	$34 z^{12} + 68 z^{10} + 85 z^8 + 68 z^6 + 1$	$\left\{ \left[\frac{17}{2}, \frac{\sqrt{17}}{2} \right] \right\}$
{[17, 2, 8]}	$x^9 + x^8 + x^6 + x^3 + x + 1$	$34 z^{12} + 68 z^{10} + 85 z^8 + 68 z^6 + 1$	$\left\{ \left[\frac{17}{2}, \frac{\sqrt{17}}{2} \right] \right\}$
{[18, 2, 9]}	$x^9 + 1$	$z^{18} + 9 z^{16} + 36 z^{14} + 84 z^{12} + 126 z^{10} + 126 z^8 + 84 z^6$ $+ 36 z^4 + 9 z^2 + 1$	{[9, 3]}
{[20, 2, 11]}	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{20} + 10 z^{18} + 45 z^{16} + 120 z^{14} + 210 z^{12} + 1276 z^{10}$ $+ 210 z^8 + 120 z^6 + 45 z^4 + 10 z^2 + 1$	$\{[10, \sqrt{5}]\}$

$\{[21, 2, 12]\}$	x^9+x^3+1	$z^{21}+21 z^{18}+21 z^{17}+147 z^{15}+297 z^{14}+147 z^{13}$ $+343 z^{12}+1071 z^{11}+1071 z^{10}+343 z^9+147 z^8$ $+297 z^7+147 z^6+21 z^4+21 z^3+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 12]\}$	x^9+x^6+1	$z^{21}+21 z^{18}+21 z^{17}+147 z^{15}+297 z^{14}+147 z^{13}$ $+343 z^{12}+1071 z^{11}+1071 z^{10}+343 z^9+147 z^8$ $+297 z^7+147 z^6+21 z^4+21 z^3+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 12]\}$	$x^9+x^7+x^6+x^5+x^3+x^2+x+1$	$7 z^{18}+84 z^{16}+399 z^{14}+1295 z^{12}+1197 z^{10}+903 z^8$ $+189 z^6+21 z^4+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 12]\}$	$x^9+x^8+x^7+x^6+x^4+x^3+x^2+1$	$7 z^{18}+84 z^{16}+399 z^{14}+1295 z^{12}+1197 z^{10}+903 z^8$ $+189 z^6+21 z^4+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 12]\}$	$x^9+x^8+x^7+x^5+x^4+x+1$	$z^{21}+21 z^{16}+168 z^{15}+360 z^{14}+210 z^{13}+280 z^{12}$ $+1008 z^{11}+1008 z^{10}+280 z^9+210 z^8+360 z^7$ $+168 z^6+21 z^5+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 12]\}$	$x^9+x^8+x^7+x^2+x+1$	$546 z^{14}+1281 z^{12}+1260 z^{10}+735 z^8+210 z^6+63 z^4$ $+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[21, 2, 12]\}$	$x^9+x^8+x^5+x^4+x^2+x+1$	$z^{21}+21 z^{16}+168 z^{15}+360 z^{14}+210 z^{13}+280 z^{12}$ $+1008 z^{11}+1008 z^{10}+280 z^9+210 z^8+360 z^7$ $+168 z^6+21 z^5+1$	$\left\{ \left[\frac{21}{2}, \frac{\sqrt{21}}{2} \right] \right\}$
$\{[24, 2, 15]\}$	$x^9+x^6+x^3+1$	$z^{24}+12 z^{22}+114 z^{20}+604 z^{18}+2607 z^{16}+6552 z^{14}$ $+12988 z^{12}+6552 z^{10}+2607 z^8+604 z^6+114 z^4$ $+12 z^2+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 15]\}$	$x^9+x^7+x^6+x^5+x^4+x^3+x^2+1$	$z^{24}+84 z^{20}+336 z^{18}+3111 z^{16}+7728 z^{14}+10248 z^{12}$ $+7728 z^{10}+3111 z^8+336 z^6+84 z^4+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 15]\}$	$x^9+x^8+x^7+x^6+x^3+x^2+x+1$	$z^{24}+114 z^{20}+384 z^{18}+2991 z^{16}+7296 z^{14}$ $+11196 z^{12}+7296 z^{10}+2991 z^8+384 z^6+114 z^4$ $+1$	$\{[12, \sqrt{6}]\}$
$\{[24, 2, 15]\}$	$x^9+x^8+x^5+x^4+x+1$	$z^{24}+12 z^{22}+66 z^{20}+604 z^{18}+2799 z^{16}+6552 z^{14}$ $+12700 z^{12}+6552 z^{10}+2799 z^8+604 z^6+66 z^4$ $+12 z^2+1$	$\{[12, \sqrt{6}]\}$

$\{[27, 2, 18]\}$	x^9+1	$19683 z^{18}+59049 z^{16}+78732 z^{14}+61236 z^{12}$ $+30618 z^{10}+10206 z^8+2268 z^6+324 z^4+27 z^2$ $+1$	$\left\{ \left[\frac{27}{2}, \frac{3\sqrt{3}}{2} \right] \right\}$
$\{[28, 2, 19]\}$	$x^9+x^6+x^5+x^4+x^3+x+1$	$z^{28}+14 z^{26}+91 z^{24}+812 z^{22}+2048 z^{21}+6377 z^{20}$ $+14336 z^{19}+25298 z^{18}+43008 z^{17}+54971 z^{16}$ $+71680 z^{15}+87016 z^{14}+71680 z^{13}+54971 z^{12}$ $+43008 z^{11}+25298 z^{10}+14336 z^9+6377 z^8$ $+2048 z^7+812 z^6+91 z^4+14 z^2+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 19]\}$	$x^9+x^7+x^2+1$	$z^{28}+259 z^{24}+1680 z^{22}+13041 z^{20}+47040 z^{18}$ $+119819 z^{16}+160608 z^{14}+119819 z^{12}$ $+47040 z^{10}+13041 z^8+1680 z^6+259 z^4+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 19]\}$	$x^9+x^7+x^6+x^5+x^2+x+1$	$z^{28}+28 z^{25}+35 z^{24}+84 z^{23}+784 z^{22}+2468 z^{21}$ $+5649 z^{20}+13580 z^{19}+27328 z^{18}+41496 z^{17}$ $+55755 z^{16}+73416 z^{15}+83040 z^{14}+73416 z^{13}$ $+55755 z^{12}+41496 z^{11}+27328 z^{10}+13580 z^9$ $+5649 z^8+2468 z^7+784 z^6+84 z^5+35 z^4+28 z^3$ $+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 19]\}$	$x^9+x^8+x^7+x^6+x^5+x^4+x+1$	$z^{28}+203 z^{24}+1120 z^{22}+12313 z^{20}+51072 z^{18}$ $+120603 z^{16}+153664 z^{14}+120603 z^{12}$ $+51072 z^{10}+12313 z^8+1120 z^6+203 z^4+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 19]\}$	$x^9+x^8+x^7+x^4+x^3+x^2+1$	$z^{28}+28 z^{25}+35 z^{24}+84 z^{23}+784 z^{22}+2468 z^{21}$ $+5649 z^{20}+13580 z^{19}+27328 z^{18}+41496 z^{17}$ $+55755 z^{16}+73416 z^{15}+83040 z^{14}+73416 z^{13}$ $+55755 z^{12}+41496 z^{11}+27328 z^{10}+13580 z^9$ $+5649 z^8+2468 z^7+784 z^6+84 z^5+35 z^4+28 z^3$ $+1$	$\{[14, \sqrt{7}]\}$
$\{[28, 2, 19]\}$	$x^9+x^8+x^6+x^5+x^4+x^3+1$	$z^{28}+14 z^{26}+91 z^{24}+812 z^{22}+2048 z^{21}+6377 z^{20}$ $+14336 z^{19}+25298 z^{18}+43008 z^{17}+54971 z^{16}$ $+71680 z^{15}+87016 z^{14}+71680 z^{13}+54971 z^{12}$ $+43008 z^{11}+25298 z^{10}+14336 z^9+6377 z^8$	$\{[14, \sqrt{7}]\}$

		$+2048 z^7 + 812 z^6 + 91 z^4 + 14 z^2 + 1$	
$\{[28, 2, 19]\}$	$x^9 + x^8 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{28} + 203 z^{24} + 1120 z^{22} + 12313 z^{20} + 51072 z^{18}$ $+ 120603 z^{16} + 153664 z^{14} + 120603 z^{12}$ $+ 51072 z^{10} + 12313 z^8 + 1120 z^6 + 203 z^4 + 1$	$\{[14, \sqrt{7}]\}$
$\{[30, 2, 21]\}$	$x^9 + x^5 + x^4 + x^2 + x + 1$	$z^{30} + 90 z^{26} + 2385 z^{24} + 22815 z^{22} + 117210 z^{20}$ $+ 338220 z^{18} + 567855 z^{16} + 567855 z^{14}$ $+ 338220 z^{12} + 117210 z^{10} + 22815 z^8 + 2385 z^6$ $+ 90 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 21]\}$	$x^9 + x^6 + x^5 + x^4 + x + 1$	$z^{30} + 15 z^{28} + 105 z^{26} + 2375 z^{24} + 22485 z^{22}$ $+ 117435 z^{20} + 339085 z^{18} + 567075 z^{16}$ $+ 567075 z^{14} + 339085 z^{12} + 117435 z^{10}$ $+ 22485 z^8 + 2375 z^6 + 105 z^4 + 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 21]\}$	$x^9 + x^7 + x^5 + x^4 + x^2 + 1$	$z^{30} + 150 z^{26} + 2405 z^{24} + 22275 z^{22} + 117510 z^{20}$ $+ 339460 z^{18} + 566775 z^{16} + 566775 z^{14}$ $+ 339460 z^{12} + 117510 z^{10} + 22275 z^8 + 2405 z^6$ $+ 150 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 21]\}$	$x^9 + x^7 + x^6 + x^3 + x^2 + 1$	$z^{30} + 15 z^{28} + 105 z^{26} + 2055 z^{24} + 23445 z^{22}$ $+ 117435 z^{20} + 336525 z^{18} + 568995 z^{16}$ $+ 568995 z^{14} + 336525 z^{12} + 117435 z^{10}$ $+ 23445 z^8 + 2055 z^6 + 105 z^4 + 15 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 21]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x$ $+ 1$	$z^{30} + 30 z^{28} + 405 z^{26} + 3240 z^{24} + 17010 z^{22}$ $+ 120285 z^{20} + 349920 z^{18} + 557685 z^{16}$ $+ 557685 z^{14} + 349920 z^{12} + 120285 z^{10}$ $+ 17010 z^8 + 3240 z^6 + 405 z^4 + 30 z^2 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 21]\}$	$x^9 + x^8 + x^7 + x^6 + x + 1$	$z^{30} + 210 z^{26} + 1785 z^{24} + 23655 z^{22} + 117810 z^{20}$ $+ 335580 z^{18} + 569535 z^{16} + 569535 z^{14}$ $+ 335580 z^{12} + 117810 z^{10} + 23655 z^8 + 1785 z^6$ $+ 210 z^4 + 1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
		$z^{30} + 90 z^{26} + 2385 z^{24} + 22815 z^{22} + 117210 z^{20}$	

$\{[30, 2, 21]\}$	$x^9+x^8+x^7+x^5+x^4+1$	$+338220 z^{18}+567855 z^{16}+567855 z^{14}$ $+338220 z^{12}+117210 z^{10}+22815 z^8+2385 z^6$ $+90 z^4+1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 21]\}$	$x^9+x^8+x^5+x^4+x^3+1$	$z^{30}+15 z^{28}+105 z^{26}+2375 z^{24}+22485 z^{22}$ $+117435 z^{20}+339085 z^{18}+567075 z^{16}$ $+567075 z^{14}+339085 z^{12}+117435 z^{10}$ $+22485 z^8+2375 z^6+105 z^4+15 z^2+1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[30, 2, 21]\}$	$x^9+x^8+x^3+x^2+x+1$	$z^{30}+210 z^{26}+1785 z^{24}+23655 z^{22}+117810 z^{20}$ $+335580 z^{18}+569535 z^{16}+569535 z^{14}$ $+335580 z^{12}+117810 z^{10}+23655 z^8+1785 z^6$ $+210 z^4+1$	$\left\{ \left[15, \frac{\sqrt{30}}{2} \right] \right\}$
$\{[32, 2, 23]\}$	x^9+x^8+x+1	$z^{32}+16 z^{30}+568 z^{28}+5936 z^{26}+49308 z^{24}$ $+246288 z^{22}+846216 z^{20}+1828528 z^{18}$ $+2434886 z^{16}+1828528 z^{14}+846216 z^{12}$ $+246288 z^{10}+49308 z^8+5936 z^6+568 z^4+16 z^2$ $+1$	$\{[16, 2\sqrt{2}]\}$
$\{[34, 2, 25]\}$	$x^9+x^6+x^5+x^4+x^3+1$	$z^{34}+17 z^{32}+136 z^{30}+5032 z^{28}+72012 z^{26}$ $+511020 z^{24}+2140504 z^{22}+5442040 z^{20}$ $+8606454 z^{18}+8606454 z^{16}+5442040 z^{14}$ $+2140504 z^{12}+511020 z^{10}+72012 z^8+5032 z^6$ $+136 z^4+17 z^2+1$	$\left\{ \left[17, \frac{\sqrt{34}}{2} \right] \right\}$
$\{[34, 2, 25]\}$	$x^9+x^8+x^6+x^3+x+1$	$z^{34}+17 z^{32}+136 z^{30}+5032 z^{28}+72012 z^{26}$ $+511020 z^{24}+2140504 z^{22}+5442040 z^{20}$ $+8606454 z^{18}+8606454 z^{16}+5442040 z^{14}$ $+2140504 z^{12}+511020 z^{10}+72012 z^8+5032 z^6$ $+136 z^4+17 z^2+1$	$\left\{ \left[17, \frac{\sqrt{34}}{2} \right] \right\}$
$\{[36, 2, 27]\}$	x^9+1	$z^{36}+54 z^{34}+1305 z^{32}+18576 z^{30}+172404 z^{28}$ $+1090152 z^{26}+4762884 z^{24}+14271984 z^{22}$ $+28552302 z^{20}+36478404 z^{18}+28552302 z^{16}$ $+14271984 z^{14}+4762884 z^{12}+1090152 z^{10}$	$\{[18, 3]\}$

		$+172404 z^8 + 18576 z^6 + 1305 z^4 + 54 z^2 + 1$	
$\{[36, 2, 27]\}$	$x^9 + x^6 + x^3 + 1$	$z^{36} + 36 z^{34} + 837 z^{32} + 12096 z^{30} + 128952 z^{28}$ $+ 934128 z^{26} + 4868400 z^{24} + 14991552 z^{22}$ $+ 28564434 z^{20} + 35216856 z^{18} + 28564434 z^{16}$ $+ 14991552 z^{14} + 4868400 z^{12} + 934128 z^{10}$ $+ 128952 z^8 + 12096 z^6 + 837 z^4 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[36, 2, 27]\}$	$x^9 + x^8 + x^7 + x^5 + x^4 + x^2 + x + 1$	$z^{36} + 441 z^{32} + 7104 z^{30} + 119124 z^{28} + 984960 z^{26}$ $+ 4915620 z^{24} + 14796864 z^{22} + 28552014 z^{20}$ $+ 35465472 z^{18} + 28552014 z^{16} + 14796864 z^{14}$ $+ 4915620 z^{12} + 984960 z^{10} + 119124 z^8 + 7104 z^6$ $+ 441 z^4 + 1$	$\{[18, 3]\}$
$\{[36, 2, 27]\}$	$x^9 + x^8 + x^5 + x^4 + x + 1$	$z^{36} + 36 z^{34} + 594 z^{32} + 10314 z^{30} + 127575 z^{28}$ $+ 947700 z^{26} + 4882437 z^{24} + 14939478 z^{22}$ $+ 28539729 z^{20} + 35322000 z^{18} + 28539729 z^{16}$ $+ 14939478 z^{14} + 4882437 z^{12} + 947700 z^{10}$ $+ 127575 z^8 + 10314 z^6 + 594 z^4 + 36 z^2 + 1$	$\{[18, 3]\}$
$\{[40, 2, 31]\}$	$x^9 + x^5 + x^4 + 1$	$z^{40} + 670 z^{36} + 15360 z^{34} + 301805 z^{32} + 3287040 z^{30}$ $+ 21871080 z^{28} + 90644480 z^{26} + 245496850 z^{24}$ $+ 442792960 z^{22} + 538663156 z^{20}$ $+ 442792960 z^{18} + 245496850 z^{16} + 90644480 z^{14}$ $+ 21871080 z^{12} + 3287040 z^{10} + 301805 z^8$ $+ 15360 z^6 + 670 z^4 + 1$	$\{[20, \sqrt{10}]\}$
$\{[40, 2, 31]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{40} + 60 z^{38} + 1630 z^{36} + 26460 z^{34} + 285165 z^{32}$ $+ 3191728 z^{30} + 21961960 z^{28} + 91125360 z^{26}$ $+ 244776210 z^{24} + 442265160 z^{22}$ $+ 540216180 z^{20} + 442265160 z^{18}$ $+ 244776210 z^{16} + 91125360 z^{14} + 21961960 z^{12}$ $+ 3191728 z^{10} + 285165 z^8 + 26460 z^6 + 1630 z^4$ $+ 60 z^2 + 1$	$\{[20, \sqrt{10}]\}$
		$z^{42} + 21 z^{40} + 168 z^{39} + 546 z^{38} + 3024 z^{37} + 16450 z^{36}$	

$\{[42, 2, 33]\}$	$x^9 + x^3 + 1$	$+63720 z^{35} + 230433 z^{34} + 844928 z^{33}$ $+2822589 z^{32} + 8274336 z^{31} + 21538552 z^{30}$ $+50006208 z^{29} + 103629240 z^{28} + 192962336 z^{27}$ $+325116834 z^{26} + 496965504 z^{25}$ $+689966186 z^{24} + 871916976 z^{23}$ $+1004162796 z^{22} + 1052892896 z^{21}$ $+1004162796 z^{20} + 871916976 z^{19}$ $+689966186 z^{18} + 496965504 z^{17}$ $+325116834 z^{16} + 192962336 z^{15}$ $+103629240 z^{14} + 50006208 z^{13} + 21538552 z^{12}$ $+8274336 z^{11} + 2822589 z^{10} + 844928 z^9$ $+230433 z^8 + 63720 z^7 + 16450 z^6 + 3024 z^5$ $+546 z^4 + 168 z^3 + 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^6 + 1$	$z^{42} + 21 z^{40} + 168 z^{39} + 546 z^{38} + 3024 z^{37} + 16450 z^{36}$ $+63720 z^{35} + 230433 z^{34} + 844928 z^{33}$ $+2822589 z^{32} + 8274336 z^{31} + 21538552 z^{30}$ $+50006208 z^{29} + 103629240 z^{28} + 192962336 z^{27}$ $+325116834 z^{26} + 496965504 z^{25}$ $+689966186 z^{24} + 871916976 z^{23}$ $+1004162796 z^{22} + 1052892896 z^{21}$ $+1004162796 z^{20} + 871916976 z^{19}$ $+689966186 z^{18} + 496965504 z^{17}$ $+325116834 z^{16} + 192962336 z^{15}$ $+103629240 z^{14} + 50006208 z^{13} + 21538552 z^{12}$ $+8274336 z^{11} + 2822589 z^{10} + 844928 z^9$ $+230433 z^8 + 63720 z^7 + 16450 z^6 + 3024 z^5$ $+546 z^4 + 168 z^3 + 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^6 + x^5 + x^3 + x^2 + 1$	$z^{42} + 567 z^{38} + 19887 z^{36} + 460404 z^{34} + 5758137 z^{32}$ $+43169084 z^{30} + 206506380 z^{28} + 650457486 z^{26}$ $+1381554244 z^{24} + 2007041106 z^{22}$ $+2007041106 z^{20} + 1381554244 z^{18}$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$

		$+650457486 z^{16} + 206506380 z^{14} + 43169084 z^{12}$ $+5758137 z^{10} + 460404 z^8 + 19887 z^6 + 567 z^4 + 1$	
$\{[42, 2, 33]\}$	$x^9 + x^6 + x^5 + x^4 + x^3 + x + 1$	$z^{42} + 42 z^{40} + 819 z^{38} + 14931 z^{36} + 34992 z^{35}$ $+ 259686 z^{34} + 816480 z^{33} + 2975049 z^{32}$ $+ 8409744 z^{31} + 21232260 z^{30} + 50258880 z^{29}$ $+ 102890628 z^{28} + 192758832 z^{27}$ $+ 326147598 z^{26} + 496087200 z^{25}$ $+ 691499032 z^{24} + 872472720 z^{23}$ $+ 1002463602 z^{22} + 1053289600 z^{21}$ $+ 1002463602 z^{20} + 872472720 z^{19}$ $+ 691499032 z^{18} + 496087200 z^{17}$ $+ 326147598 z^{16} + 192758832 z^{15}$ $+ 102890628 z^{14} + 50258880 z^{13} + 21232260 z^{12}$ $+ 8409744 z^{11} + 2975049 z^{10} + 816480 z^9$ $+ 259686 z^8 + 34992 z^7 + 14931 z^6 + 819 z^4 + 42 z^2$ $+ 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$z^{42} + 21 z^{40} + 546 z^{38} + 19138 z^{36} + 464289 z^{34}$ $+ 5749821 z^{32} + 43176056 z^{30} + 206511672 z^{28}$ $+ 650437410 z^{26} + 1381576938 z^{24}$ $+ 2007031404 z^{22} + 2007031404 z^{20}$ $+ 1381576938 z^{18} + 650437410 z^{16}$ $+ 206511672 z^{14} + 43176056 z^{12} + 5749821 z^{10}$ $+ 464289 z^8 + 19138 z^6 + 546 z^4 + 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^7 + x^6 + x^3 + x + 1$	$14707 z^{36} + 441168 z^{34} + 5779641 z^{32} + 43394960 z^{30}$ $+ 206350620 z^{28} + 649667088 z^{26}$ $+ 1382301956 z^{24} + 2007952464 z^{22}$ $+ 2006010762 z^{20} + 1381025520 z^{18}$ $+ 651142926 z^{16} + 206626224 z^{14} + 43010828 z^{12}$ $+ 5703600 z^{10} + 485940 z^8 + 25200 z^6 + 987 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
		$z^{42} + 567 z^{38} + 19887 z^{36} + 460404 z^{34} + 5758137 z^{32}$ $+ 43169084 z^{30} + 206506380 z^{28} + 650457486 z^{26}$	

$\{[42, 2, 33]\}$	$x^9 + x^7 + x^6 + x^4 + x^3 + 1$	$+1381554244 z^{24} + 2007041106 z^{22}$ $+2007041106 z^{20} + 1381554244 z^{18}$ $+650457486 z^{16} + 206506380 z^{14} + 43169084 z^{12}$ $+5758137 z^{10} + 460404 z^8 + 19887 z^6 + 567 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$z^{42} + 21 z^{40} + 546 z^{38} + 19138 z^{36} + 464289 z^{34}$ $+5749821 z^{32} + 43176056 z^{30} + 206511672 z^{28}$ $+650437410 z^{26} + 1381576938 z^{24}$ $+2007031404 z^{22} + 2007031404 z^{20}$ $+1381576938 z^{18} + 650437410 z^{16}$ $+206511672 z^{14} + 43176056 z^{12} + 5749821 z^{10}$ $+464289 z^8 + 19138 z^6 + 546 z^4 + 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^8 + x^7 + x^5 + x^4 + x + 1$	$z^{42} + 21 z^{40} + 210 z^{38} + 672 z^{37} + 12082 z^{36} + 56832 z^{35}$ $+221025 z^{34} + 869120 z^{33} + 2880381 z^{32}$ $+8354304 z^{31} + 21640696 z^{30} + 49822080 z^{29}$ $+103158840 z^{28} + 192765440 z^{27}$ $+325193442 z^{26} + 497521920 z^{25}$ $+691002410 z^{24} + 872040960 z^{23}$ $+1003374540 z^{22} + 1052104640 z^{21}$ $+1003374540 z^{20} + 872040960 z^{19}$ $+691002410 z^{18} + 497521920 z^{17}$ $+325193442 z^{16} + 192765440 z^{15}$ $+103158840 z^{14} + 49822080 z^{13} + 21640696 z^{12}$ $+8354304 z^{11} + 2880381 z^{10} + 869120 z^9$ $+221025 z^8 + 56832 z^7 + 12082 z^6 + 672 z^5$ $+210 z^4 + 21 z^2 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^8 + x^7 + x^2 + x + 1$	$z^{42} + 21 z^{40} + 1218 z^{38} + 31906 z^{36} + 532833 z^{34}$ $+5853309 z^{32} + 42684600 z^{30} + 205644792 z^{28}$ $+651973602 z^{26} + 1383710762 z^{24}$ $+2004534252 z^{22} + 2004534252 z^{20}$ $+1383710762 z^{18} + 651973602 z^{16}$ $+205644792 z^{14} + 42684600 z^{12} + 5853309 z^{10}$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$

		$+532833 z^8 + 31906 z^6 + 1218 z^4 + 21 z^2 + 1$	
$\{[42, 2, 33]\}$	$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{42} + 42 z^{40} + 819 z^{38} + 14931 z^{36} + 34992 z^{35}$ $+ 259686 z^{34} + 816480 z^{33} + 2975049 z^{32}$ $+ 8409744 z^{31} + 21232260 z^{30} + 50258880 z^{29}$ $+ 102890628 z^{28} + 192758832 z^{27}$ $+ 326147598 z^{26} + 496087200 z^{25}$ $+ 691499032 z^{24} + 872472720 z^{23}$ $+ 1002463602 z^{22} + 1053289600 z^{21}$ $+ 1002463602 z^{20} + 872472720 z^{19}$ $+ 691499032 z^{18} + 496087200 z^{17}$ $+ 326147598 z^{16} + 192758832 z^{15}$ $+ 102890628 z^{14} + 50258880 z^{13} + 21232260 z^{12}$ $+ 8409744 z^{11} + 2975049 z^{10} + 816480 z^9$ $+ 259686 z^8 + 34992 z^7 + 14931 z^6 + 819 z^4 + 42 z^2$ $+ 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^8 + x^6 + x^3 + x^2 + 1$	$14707 z^{36} + 441168 z^{34} + 5779641 z^{32} + 43394960 z^{30}$ $+ 206350620 z^{28} + 649667088 z^{26}$ $+ 1382301956 z^{24} + 2007952464 z^{22}$ $+ 2006010762 z^{20} + 1381025520 z^{18}$ $+ 651142926 z^{16} + 206626224 z^{14} + 43010828 z^{12}$ $+ 5703600 z^{10} + 485940 z^8 + 25200 z^6 + 987 z^4 + 1$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$
$\{[42, 2, 33]\}$	$x^9 + x^8 + x^5 + x^4 + x^2 + x + 1$	$z^{42} + 21 z^{40} + 210 z^{38} + 672 z^{37} + 12082 z^{36} + 56832 z^{35}$ $+ 221025 z^{34} + 869120 z^{33} + 2880381 z^{32}$ $+ 8354304 z^{31} + 21640696 z^{30} + 49822080 z^{29}$ $+ 103158840 z^{28} + 192765440 z^{27}$ $+ 325193442 z^{26} + 497521920 z^{25}$ $+ 691002410 z^{24} + 872040960 z^{23}$ $+ 1003374540 z^{22} + 1052104640 z^{21}$ $+ 1003374540 z^{20} + 872040960 z^{19}$ $+ 691002410 z^{18} + 497521920 z^{17}$ $+ 325193442 z^{16} + 192765440 z^{15}$	$\left\{ \left[21, \frac{\sqrt{42}}{2} \right] \right\}$

		$+103158840 z^{14} + 49822080 z^{13} + 21640696 z^{12}$ $+8354304 z^{11} + 2880381 z^{10} + 869120 z^9$ $+221025 z^8 + 56832 z^7 + 12082 z^6 + 672 z^5$ $+210 z^4 + 21 z^2 + 1$	
$\{[45, 2, 36]\}$	$x^9 + 1$	$1953125 z^{36} + 35156250 z^{34} + 284765625 z^{32}$ $+1368750000 z^{30} + 4334062500 z^{28}$ $+9489375000 z^{26} + 14675062500 z^{24}$ $+16103250000 z^{22} + 12454143750 z^{20}$ $+6703937500 z^{18} + 2490828750 z^{16}$ $+644130000 z^{14} + 117400500 z^{12} + 15183000 z^{10}$ $+1386900 z^8 + 87600 z^6 + 3645 z^4 + 90 z^2 + 1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 36]\}$	$x^9 + x^6 + x^5 + x^4 + x + 1$	$4374 z^{40} + 171315 z^{38} + 3449385 z^{36} + 39852405 z^{34}$ $+284773185 z^{32} + 1347038604 z^{30}$ $+4309903620 z^{28} + 9524150820 z^{26}$ $+14740211400 z^{24} + 16081472250 z^{22}$ $+12382942446 z^{20} + 6701982150 z^{18}$ $+2525808150 z^{16} + 652087260 z^{14}$ $+112325940 z^{12} + 12425076 z^{10} + 843210 z^8$ $+34155 z^6 + 945 z^4 + 45 z^2 + 1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[45, 2, 36]\}$	$x^9 + x^7 + x^6 + x^3 + x^2 + 1$	$135 z^{42} + 5724 z^{40} + 173790 z^{38} + 3436025 z^{36}$ $+39814785 z^{34} + 284848425 z^{32}$ $+1347243384 z^{30} + 4309557300 z^{28}$ $+9523637190 z^{26} + 14741343660 z^{24}$ $+16081703460 z^{22} + 12381173406 z^{20}$ $+6703121410 z^{18} + 2526038910 z^{16}$ $+651660120 z^{14} + 112366980 z^{12} + 12484611 z^{10}$ $+835920 z^8 + 30510 z^6 + 945 z^4 + 45 z^2 + 1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
		$4374 z^{40} + 171315 z^{38} + 3449385 z^{36} + 39852405 z^{34}$ $+284773185 z^{32} + 1347038604 z^{30}$ $+4309903620 z^{28} + 9524150820 z^{26}$	

$\{[45, 2, 36]\}$	$x^9+x^8+x^5+x^4+x^3+1$	$+14740211400 z^{24}+16081472250 z^{22}$ $+12382942446 z^{20}+6701982150 z^{18}$ $+2525808150 z^{16}+652087260 z^{14}$ $+112325940 z^{12}+12425076 z^{10}+843210 z^8$ $+34155 z^6+945 z^4+45 z^2+1$	$\left\{ \left[\frac{45}{2}, \frac{3\sqrt{5}}{2} \right] \right\}$
$\{[48, 2, 39]\}$	$x^9+x^6+x^3+1$	$z^{48}+72 z^{46}+3156 z^{44}+88248 z^{42}+1794306 z^{40}$ $+25774872 z^{38}+268994564 z^{36}$ $+1880509416 z^{34}+8823100143 z^{32}$ $+28566347344 z^{30}+65330784168 z^{28}$ $+106962039216 z^{26}+126036942876 z^{24}$ $+106962039216 z^{22}+65330784168 z^{20}$ $+28566347344 z^{18}+8823100143 z^{16}$ $+1880509416 z^{14}+268994564 z^{12}$ $+25774872 z^{10}+1794306 z^8+88248 z^6+3156 z^4$ $+72 z^2+1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 39]\}$	$x^9+x^7+x^6+x^5+x^4+x^3+x^2+1$	$z^{48}+24 z^{46}+1620 z^{44}+50408 z^{42}+1449474 z^{40}$ $+25520904 z^{38}+272527876 z^{36}$ $+1883429880 z^{34}+8807497455 z^{32}$ $+28556343152 z^{30}+65373242280 z^{28}$ $+106969414800 z^{26}+125976858140 z^{24}$ $+106969414800 z^{22}+65373242280 z^{20}$ $+28556343152 z^{18}+8807497455 z^{16}$ $+1883429880 z^{14}+272527876 z^{12}$ $+25520904 z^{10}+1449474 z^8+50408 z^6+1620 z^4$ $+24 z^2+1$	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 39]\}$	$x^9+x^8+x^7+x^6+x^3+x^2+x+1$	$z^{48}+24 z^{46}+2100 z^{44}+63080 z^{42}+1565250 z^{40}$ $+25604232 z^{38}+271363684 z^{36}$ $+1882331640 z^{34}+8813126127 z^{32}$ $+28559011184 z^{30}+65359340904 z^{28}$ $+106967749008 z^{26}+125995499420 z^{24}$ $+106967749008 z^{22}+65359340904 z^{20}$	$\{[24, 2\sqrt{3}]\}$

		$ \begin{aligned} &+28559011184 z^{18}+8813126127 z^{16} \\ &+1882331640 z^{14}+271363684 z^{12} \\ &+25604232 z^{10}+1565250 z^8+63080 z^6+2100 z^4 \\ &+24 z^2+1 \end{aligned} $	
$\{[48, 2, 39]\}$	$x^9+x^8+x^5+x^4+x+1$	$ \begin{aligned} &z^{48}+72 z^{46}+2388 z^{44}+72888 z^{42}+1697538 z^{40} \\ &+25685784 z^{38}+269992196 z^{36} \\ &+1881971688 z^{34}+8817515247 z^{32} \\ &+28562648656 z^{30}+65345712552 z^{28} \\ &+106964380080 z^{26}+126016455708 z^{24} \\ &+106964380080 z^{22}+65345712552 z^{20} \\ &+28562648656 z^{18}+8817515247 z^{16} \\ &+1881971688 z^{14}+269992196 z^{12} \\ &+25685784 z^{10}+1697538 z^8+72888 z^6+2388 z^4 \\ &+72 z^2+1 \end{aligned} $	$\{[24, 2\sqrt{3}]\}$
$\{[48, 2, 39]\}$	x^9+x^8+x+1	$ \begin{aligned} &z^{48}+48 z^{46}+3348 z^{44}+99792 z^{42}+2064258 z^{40} \\ &+28631568 z^{38}+277084612 z^{36} \\ &+1868314608 z^{34}+8765907183 z^{32} \\ &+28580695776 z^{30}+65491858728 z^{28} \\ &+106959114528 z^{26}+125808264988 z^{24} \\ &+106959114528 z^{22}+65491858728 z^{20} \\ &+28580695776 z^{18}+8765907183 z^{16} \\ &+1868314608 z^{14}+277084612 z^{12} \\ &+28631568 z^{10}+2064258 z^8+99792 z^6+3348 z^4 \\ &+48 z^2+1 \end{aligned} $	$\{[24, 2\sqrt{3}]\}$
$\{[50, 2, 41]\}$	$x^9+x^8+x^7+x^6+x^5+x^4+x^3+x^2+x+1$	$ \begin{aligned} &z^{50}+100 z^{48}+4550 z^{46}+124500 z^{44}+2281125 z^{42} \\ &+39255625 z^{40}+471477500 z^{38} \\ &+3671393750 z^{36}+19245693750 z^{34} \\ &+70475453125 z^{32}+184103912500 z^{30} \\ &+346767500000 z^{28}+474734531250 z^{26} \\ &+474734531250 z^{24}+346767500000 z^{22} \\ &+184103912500 z^{20}+70475453125 z^{18} \end{aligned} $	$\left\{ \left[25, \frac{5\sqrt{2}}{2} \right] \right\}$

		$+19245693750 z^{16} + 3671393750 z^{14}$ $+471477500 z^{12} + 39255625 z^{10} + 2281125 z^8$ $+124500 z^6 + 4550 z^4 + 100 z^2 + 1$	
$\{[51, 2, 42]\}$	$x^9 + x^4 + x^2 + 1$	$17 z^{48} + 10200 z^{46} + 444924 z^{44} + 11915504 z^{42}$ $+185947938 z^{40} + 1860584856 z^{38}$ $+12455418764 z^{36} + 57700127808 z^{34}$ $+189293446863 z^{32} + 447099154352 z^{30}$ $+768718057080 z^{28} + 968597442720 z^{26}$ $+896836591132 z^{24} + 609682198512 z^{22}$ $+302868566136 z^{20} + 108989130304 z^{18}$ $+28025285247 z^{16} + 5049521016 z^{14}$ $+620224396 z^{12} + 49878000 z^{10} + 2494818 z^8$ $+69496 z^6 + 1020 z^4 + 1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 42]\}$	$x^9 + x^6 + x^5 + x^4 + x^3 + 1$	$8262 z^{46} + 459918 z^{44} + 11894067 z^{42}$ $+185794785 z^{40} + 1861360260 z^{38}$ $+12454047952 z^{36} + 57700125207 z^{34}$ $+189298245453 z^{32} + 447088768916 z^{30}$ $+768729392340 z^{28} + 968591010294 z^{26}$ $+896837584306 z^{24} + 609682444944 z^{22}$ $+302869884792 z^{20} + 108987143990 z^{18}$ $+28026349362 z^{16} + 5049426870 z^{14}$ $+620058510 z^{12} + 49956183 z^{10} + 2485485 z^8$ $+67932 z^6 + 1224 z^4 + 51 z^2 + 1$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$
$\{[51, 2, 42]\}$	$x^9 + x^7 + x^5 + 1$	$17 z^{48} + 10200 z^{46} + 444924 z^{44} + 11915504 z^{42}$ $+185947938 z^{40} + 1860584856 z^{38}$ $+12455418764 z^{36} + 57700127808 z^{34}$ $+189293446863 z^{32} + 447099154352 z^{30}$ $+768718057080 z^{28} + 968597442720 z^{26}$ $+896836591132 z^{24} + 609682198512 z^{22}$ $+302868566136 z^{20} + 108989130304 z^{18}$ $+28025285247 z^{16} + 5049521016 z^{14}$	$\left\{ \left[\frac{51}{2}, \frac{\sqrt{51}}{2} \right] \right\}$

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

		$+69496 z^6 + 1020 z^4 + 1$	
$\{[54, 2, 45]\}$	$x^9 + 1$	$z^{54} + 135 z^{52} + 8235 z^{50} + 299709 z^{48} + 7238430 z^{46}$ $+ 122104530 z^{44} + 1475589186 z^{42}$ $+ 12911197230 z^{40} + 81953533755 z^{38}$ $+ 376737546909 z^{36} + 1255125400785 z^{34}$ $+ 3053618632935 z^{32} + 5482313745876 z^{30}$ $+ 7327920746700 z^{28} + 7327920746700 z^{26}$ $+ 5482313745876 z^{24} + 3053618632935 z^{22}$ $+ 1255125400785 z^{20} + 376737546909 z^{18}$ $+ 81953533755 z^{16} + 12911197230 z^{14}$ $+ 1475589186 z^{12} + 122104530 z^{10} + 7238430 z^8$ $+ 299709 z^6 + 8235 z^4 + 135 z^2 + 1$	$\left\{ \left[27, \frac{3\sqrt{6}}{2} \right] \right\}$
$\{[56, 2, 47]\}$	$x^9 + x^6 + x^4 + x^2 + x + 1$	$z^{56} + 2422 z^{52} + 130592 z^{50} + 5539499 z^{48}$ $+ 138892768 z^{46} + 2181918620 z^{44}$ $+ 22674938720 z^{42} + 162686596345 z^{40}$ $+ 829410488480 z^{38} + 3068819561066 z^{36}$ $+ 8369417030464 z^{34} + 17011877413979 z^{32}$ $+ 25962713830592 z^{30} + 29877635668232 z^{28}$ $+ 25962713830592 z^{26} + 17011877413979 z^{24}$ $+ 8369417030464 z^{22} + 3068819561066 z^{20}$ $+ 829410488480 z^{18} + 162686596345 z^{16}$ $+ 22674938720 z^{14} + 2181918620 z^{12}$ $+ 138892768 z^{10} + 5539499 z^8 + 130592 z^6$ $+ 2422 z^4 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 84 z^{54} + 3290 z^{52} + 108388 z^{50} + 262144 z^{49}$ $+ 3343739 z^{48} + 12845056 z^{47} + 74442424 z^{46}$ $+ 282591232 z^{45} + 1101193828 z^{44}$ $+ 3688366080 z^{43} + 11308910200 z^{42}$ $+ 31817203712 z^{41} + 81233874057 z^{40}$ $+ 191506939904 z^{39} + 414744977724 z^{38}$ $+ 829115334656 z^{37} + 1534864829638 z^{36}$	

$\{[56, 2, 47]\}$	$x^9 + x^6 + x^5 + x^4 + x^3 + x + 1$	$+2629948145664 z^{35} + 4184790801548 z^{34}$ $+6186821222400 z^{33} + 8504778350075 z^{32}$ $+10888493400064 z^{31} + 12981199695184 z^{30}$ $+14422685777920 z^{29} + 14940543117304 z^{28}$ $+14422685777920 z^{27} + 12981199695184 z^{26}$ $+10888493400064 z^{25} + 8504778350075 z^{24}$ $+6186821222400 z^{23} + 4184790801548 z^{22}$ $+2629948145664 z^{21} + 1534864829638 z^{20}$ $+829115334656 z^{19} + 414744977724 z^{18}$ $+191506939904 z^{17} + 81233874057 z^{16}$ $+31817203712 z^{15} + 11308910200 z^{14}$ $+3688366080 z^{13} + 1101193828 z^{12}$ $+282591232 z^{11} + 74442424 z^{10} + 12845056 z^9$ $+3343739 z^8 + 262144 z^7 + 108388 z^6 + 3290 z^4$ $+84 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 47]\}$	$x^9 + x^7 + x^2 + 1$	$z^{56} + 28 z^{54} + 4522 z^{52} + 210252 z^{50} + 6868155 z^{48}$ $+148261736 z^{46} + 2202125828 z^{44}$ $+22623425192 z^{42} + 162458703561 z^{40}$ $+829474924180 z^{38} + 3069806035702 z^{36}$ $+8369473570948 z^{34} + 17009567222907 z^{32}$ $+25962584587632 z^{30} + 29880796474040 z^{28}$ $+25962584587632 z^{26} + 17009567222907 z^{24}$ $+8369473570948 z^{22} + 3069806035702 z^{20}$ $+829474924180 z^{18} + 162458703561 z^{16}$ $+22623425192 z^{14} + 2202125828 z^{12}$ $+148261736 z^{10} + 6868155 z^8 + 210252 z^6$ $+4522 z^4 + 28 z^2 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 28 z^{54} + 224 z^{53} + 938 z^{52} + 8288 z^{51} + 66892 z^{50}$ $+444928 z^{49} + 2725051 z^{48} + 14782208 z^{47}$ $+69729128 z^{46} + 291023936 z^{45}$ $+1090447876 z^{44} + 3690960448 z^{43}$	

$\{[56, 2, 47]\}$	$x^9 + x^7 + x^6 + x^5 + x^2 + x + 1$	$+11336647336 z^{42} + 31743074048 z^{41}$ $+81347264201 z^{40} + 191408526848 z^{39}$ $+414704137876 z^{38} + 829394493088 z^{37}$ $+1534393889014 z^{36} + 2630406171680 z^{35}$ $+4184735934596 z^{34} + 6186143602688 z^{33}$ $+8505946528891 z^{32} + 10887545428480 z^{31}$ $+12981272419696 z^{30} + 14423733571968 z^{29}$ $+14938944594616 z^{28} + 14423733571968 z^{27}$ $+12981272419696 z^{26} + 10887545428480 z^{25}$ $+8505946528891 z^{24} + 6186143602688 z^{23}$ $+4184735934596 z^{22} + 2630406171680 z^{21}$ $+1534393889014 z^{20} + 829394493088 z^{19}$ $+414704137876 z^{18} + 191408526848 z^{17}$ $+81347264201 z^{16} + 31743074048 z^{15}$ $+11336647336 z^{14} + 3690960448 z^{13}$ $+1090447876 z^{12} + 291023936 z^{11}$ $+69729128 z^{10} + 14782208 z^9 + 2725051 z^8$ $+444928 z^7 + 66892 z^6 + 8288 z^5 + 938 z^4 + 224 z^3$ $+28 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 47]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$	$z^{56} + 28 z^{54} + 3626 z^{52} + 152908 z^{50} + 5646011 z^{48}$ $+138570600 z^{46} + 2179530500 z^{44}$ $+22680023720 z^{42} + 162704361673 z^{40}$ $+829353985684 z^{38} + 3068815834742 z^{36}$ $+8369594566788 z^{34} + 17011709214843 z^{32}$ $+25962537680240 z^{30} + 29878049212600 z^{28}$ $+25962537680240 z^{26} + 17011709214843 z^{24}$ $+8369594566788 z^{22} + 3068815834742 z^{20}$ $+829353985684 z^{18} + 162704361673 z^{16}$ $+22680023720 z^{14} + 2179530500 z^{12}$ $+138570600 z^{10} + 5646011 z^8 + 152908 z^6$ $+3626 z^4 + 28 z^2 + 1$	$\{[28, \sqrt{14}]\}$

$\{[56, 2, 47]\}$	$x^9 + x^8 + x^7 + x^5 + x^3 + 1$	$ \begin{aligned} & z^{56} + 2422 z^{52} + 130592 z^{50} + 5539499 z^{48} \\ & + 138892768 z^{46} + 2181918620 z^{44} \\ & + 22674938720 z^{42} + 162686596345 z^{40} \\ & + 829410488480 z^{38} + 3068819561066 z^{36} \\ & + 8369417030464 z^{34} + 17011877413979 z^{32} \\ & + 25962713830592 z^{30} + 29877635668232 z^{28} \\ & + 25962713830592 z^{26} + 17011877413979 z^{24} \\ & + 8369417030464 z^{22} + 3068819561066 z^{20} \\ & + 829410488480 z^{18} + 162686596345 z^{16} \\ & + 22674938720 z^{14} + 2181918620 z^{12} \\ & + 138892768 z^{10} + 5539499 z^8 + 130592 z^6 \\ & + 2422 z^4 + 1 \end{aligned} $	$\{[28, \sqrt{14}]\}$
$\{[56, 2, 47]\}$	$x^9 + x^8 + x^7 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} & z^{56} + 28 z^{54} + 224 z^{53} + 938 z^{52} + 8288 z^{51} + 66892 z^{50} \\ & + 444928 z^{49} + 2725051 z^{48} + 14782208 z^{47} \\ & + 69729128 z^{46} + 291023936 z^{45} \\ & + 1090447876 z^{44} + 3690960448 z^{43} \\ & + 11336647336 z^{42} + 31743074048 z^{41} \\ & + 81347264201 z^{40} + 191408526848 z^{39} \\ & + 414704137876 z^{38} + 829394493088 z^{37} \\ & + 1534393889014 z^{36} + 2630406171680 z^{35} \\ & + 4184735934596 z^{34} + 6186143602688 z^{33} \\ & + 8505946528891 z^{32} + 10887545428480 z^{31} \\ & + 12981272419696 z^{30} + 14423733571968 z^{29} \\ & + 14938944594616 z^{28} + 14423733571968 z^{27} \\ & + 12981272419696 z^{26} + 10887545428480 z^{25} \\ & + 8505946528891 z^{24} + 6186143602688 z^{23} \\ & + 4184735934596 z^{22} + 2630406171680 z^{21} \\ & + 1534393889014 z^{20} + 829394493088 z^{19} \\ & + 414704137876 z^{18} + 191408526848 z^{17} \\ & + 81347264201 z^{16} + 31743074048 z^{15} \\ & + 11336647336 z^{14} + 3690960448 z^{13} \end{aligned} $	$\{[28, \sqrt{14}]\}$

		$+1090447876 z^{12} + 291023936 z^{11}$ $+69729128 z^{10} + 14782208 z^9 + 2725051 z^8$ $+444928 z^7 + 66892 z^6 + 8288 z^5 + 938 z^4 + 224 z^3$ $+28 z^2 + 1$	
$\{[56, 2, 47]\}$	$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{56} + 84 z^{54} + 3290 z^{52} + 108388 z^{50} + 262144 z^{49}$ $+ 3343739 z^{48} + 12845056 z^{47} + 74442424 z^{46}$ $+ 282591232 z^{45} + 1101193828 z^{44}$ $+ 3688366080 z^{43} + 11308910200 z^{42}$ $+ 31817203712 z^{41} + 81233874057 z^{40}$ $+ 191506939904 z^{39} + 414744977724 z^{38}$ $+ 829115334656 z^{37} + 1534864829638 z^{36}$ $+ 2629948145664 z^{35} + 4184790801548 z^{34}$ $+ 6186821222400 z^{33} + 8504778350075 z^{32}$ $+ 10888493400064 z^{31} + 12981199695184 z^{30}$ $+ 14422685777920 z^{29} + 14940543117304 z^{28}$ $+ 14422685777920 z^{27} + 12981199695184 z^{26}$ $+ 10888493400064 z^{25} + 8504778350075 z^{24}$ $+ 6186821222400 z^{23} + 4184790801548 z^{22}$ $+ 2629948145664 z^{21} + 1534864829638 z^{20}$ $+ 829115334656 z^{19} + 414744977724 z^{18}$ $+ 191506939904 z^{17} + 81233874057 z^{16}$ $+ 31817203712 z^{15} + 11308910200 z^{14}$ $+ 3688366080 z^{13} + 1101193828 z^{12}$ $+ 282591232 z^{11} + 74442424 z^{10} + 12845056 z^9$ $+ 3343739 z^8 + 262144 z^7 + 108388 z^6 + 3290 z^4$ $+ 84 z^2 + 1$	$\{[28, \sqrt{14}]\}$
		$z^{56} + 28 z^{54} + 3626 z^{52} + 152908 z^{50} + 5646011 z^{48}$ $+ 138570600 z^{46} + 2179530500 z^{44}$ $+ 22680023720 z^{42} + 162704361673 z^{40}$ $+ 829353985684 z^{38} + 3068815834742 z^{36}$ $+ 8369594566788 z^{34} + 17011709214843 z^{32}$	

$\{[56, 2, 47]\}$	$x^9 + x^8 + x^5 + x^4 + x^3 + x^2 + x + 1$	$+25962537680240 z^{30} + 29878049212600 z^{28}$ $+25962537680240 z^{26} + 17011709214843 z^{24}$ $+8369594566788 z^{22} + 3068815834742 z^{20}$ $+829353985684 z^{18} + 162704361673 z^{16}$ $+22680023720 z^{14} + 2179530500 z^{12}$ $+138570600 z^{10} + 5646011 z^8 + 152908 z^6$ $+3626 z^4 + 28 z^2 + 1$	$\{[28, \sqrt{14}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^5 + x^4 + x^2 + x + 1$	$z^{60} + 30 z^{58} + 1875 z^{56} + 194140 z^{54} + 9999405 z^{52}$ $+294532266 z^{50} + 5466062895 z^{48}$ $+67757695320 z^{46} + 584408883645 z^{44}$ $+3613390133070 z^{42} + 16374406304055 z^{40}$ $+55290150514020 z^{38} + 140829597169545 z^{36}$ $+272992974656490 z^{34} + 405155796564435 z^{32}$ $+461971308262864 z^{30} + 405155796564435 z^{28}$ $+272992974656490 z^{26} + 140829597169545 z^{24}$ $+55290150514020 z^{22} + 16374406304055 z^{20}$ $+3613390133070 z^{18} + 584408883645 z^{16}$ $+67757695320 z^{14} + 5466062895 z^{12}$ $+294532266 z^{10} + 9999405 z^8 + 194140 z^6$ $+1875 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^6 + x^3 + 1$	$z^{60} + 120 z^{58} + 8535 z^{56} + 391600 z^{54} + 13025025 z^{52}$ $+311529000 z^{50} + 5474221575 z^{48}$ $+67552024800 z^{46} + 584104294485 z^{44}$ $+3614648500920 z^{42} + 16376085072003 z^{40}$ $+55285040969040 z^{38} + 140826412284645 z^{36}$ $+273004568735400 z^{34} + 405157898069475 z^{32}$ $+461955595432000 z^{30} + 405157898069475 z^{28}$ $+273004568735400 z^{26} + 140826412284645 z^{24}$ $+55285040969040 z^{22} + 16376085072003 z^{20}$ $+3614648500920 z^{18} + 584104294485 z^{16}$ $+67552024800 z^{14} + 5474221575 z^{12}$	$\{[30, \sqrt{15}]\}$

		$+311529000 z^{10} + 13025025 z^8 + 391600 z^6$ $+8535 z^4 + 120 z^2 + 1$	
$\{[60, 2, 51]\}$	$x^9 + x^6 + x^5 + x^4 + x + 1$	$z^{60} + 90 z^{58} + 3795 z^{56} + 222420 z^{54} + 10174125 z^{52}$ $+ 294579966 z^{50} + 5462888495 z^{48}$ $+ 67753958280 z^{46} + 584439158205 z^{44}$ $+ 3613408621290 z^{42} + 16374233383095 z^{40}$ $+ 55290171873900 z^{38} + 140830215026185 z^{36}$ $+ 272992277085630 z^{34} + 405155324351955 z^{32}$ $+ 461972631030384 z^{30} + 405155324351955 z^{28}$ $+ 272992277085630 z^{26} + 140830215026185 z^{24}$ $+ 55290171873900 z^{22} + 16374233383095 z^{20}$ $+ 3613408621290 z^{18} + 584439158205 z^{16}$ $+ 67753958280 z^{14} + 5462888495 z^{12}$ $+ 294579966 z^{10} + 10174125 z^8 + 222420 z^6$ $+ 3795 z^4 + 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^7 + x^5 + x^2 + x + 1$	$z^{60} + 2235 z^{56} + 191440 z^{54} + 10018485 z^{52}$ $+ 294419520 z^{50} + 5466550815 z^{48}$ $+ 67756148640 z^{46} + 584412768045 z^{44}$ $+ 3613381204800 z^{42} + 16374427629039 z^{40}$ $+ 55290099386160 z^{38} + 140829706041825 z^{36}$ $+ 272992783870080 z^{34} + 405156064628595 z^{32}$ $+ 461971007965888 z^{30} + 405156064628595 z^{28}$ $+ 272992783870080 z^{26} + 140829706041825 z^{24}$ $+ 55290099386160 z^{22} + 16374427629039 z^{20}$ $+ 3613381204800 z^{18} + 584412768045 z^{16}$ $+ 67756148640 z^{14} + 5466550815 z^{12}$ $+ 294419520 z^{10} + 10018485 z^8 + 191440 z^6$ $+ 2235 z^4 + 1$	$\{[30, \sqrt{15}]\}$
		$z^{60} + 30 z^{58} + 2835 z^{56} + 220380 z^{54} + 10203885 z^{52}$ $+ 294647466 z^{50} + 5462295215 z^{48}$ $+ 67753651800 z^{46} + 584446490685 z^{44}$	

$\{[60, 2, 51]\}$	$x^9 + x^7 + x^5 + x^4 + x^2 + 1$	$+3613397160270 z^{42} + 16374204645495 z^{40}$ $+55290306535140 z^{38} + 140830011092425 z^{36}$ $+272992348198890 z^{34} + 405155550255315 z^{32}$ $+461972242885584 z^{30} + 405155550255315 z^{28}$ $+272992348198890 z^{26} + 140830011092425 z^{24}$ $+55290306535140 z^{22} + 16374204645495 z^{20}$ $+3613397160270 z^{18} + 584446490685 z^{16}$ $+67753651800 z^{14} + 5462295215 z^{12}$ $+294647466 z^{10} + 10203885 z^8 + 220380 z^6$ $+2835 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^7 + x^6 + x^3 + x^2 + 1$	$z^{60} + 90 z^{58} + 3795 z^{56} + 201940 z^{54} + 9928365 z^{52}$ $+294334206 z^{50} + 5467721775 z^{48}$ $+67757521800 z^{46} + 584391235005 z^{44}$ $+3613432951530 z^{42} + 16374409101495 z^{40}$ $+55289969060460 z^{38} + 140829930763785 z^{36}$ $+272992819232190 z^{34} + 405155476231635 z^{32}$ $+461971897109104 z^{30} + 405155476231635 z^{28}$ $+272992819232190 z^{26} + 140829930763785 z^{24}$ $+55289969060460 z^{22} + 16374409101495 z^{20}$ $+3613432951530 z^{18} + 584391235005 z^{16}$ $+67757521800 z^{14} + 5467721775 z^{12}$ $+294334206 z^{10} + 9928365 z^8 + 201940 z^6$ $+3795 z^4 + 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$z^{60} + 150 z^{58} + 10275 z^{56} + 425260 z^{54} + 11857725 z^{52}$ $+295651026 z^{50} + 5431572495 z^{48}$ $+67721591160 z^{46} + 584755847325 z^{44}$ $+3613411382790 z^{42} + 16372698539175 z^{40}$ $+55291388387220 z^{38} + 140833458851385 z^{36}$ $+272987366654610 z^{34} + 405153328307475 z^{32}$ $+461980075529104 z^{30} + 405153328307475 z^{28}$ $+272987366654610 z^{26} + 140833458851385 z^{24}$	$\{[30, \sqrt{15}]\}$

		$+55291388387220 z^{22} + 16372698539175 z^{20}$ $+3613411382790 z^{18} + 584755847325 z^{16}$ $+67721591160 z^{14} + 5431572495 z^{12}$ $+295651026 z^{10} + 11857725 z^8 + 425260 z^6$ $+10275 z^4 + 150 z^2 + 1$	
$\{[60, 2, 51]\}$	$x^9 + x^8 + x^7 + x^6 + x + 1$	$z^{60} + 30 z^{58} + 3795 z^{56} + 205660 z^{54} + 9916845 z^{52}$ $+ 294271146 z^{50} + 5468194095 z^{48}$ $+ 67756735320 z^{46} + 584388251325 z^{44}$ $+ 3613452847950 z^{42} + 16374354423735 z^{40}$ $+ 55290056929380 z^{38} + 140829856490505 z^{36}$ $+ 272992806034410 z^{34} + 405155607705555 z^{32}$ $+ 461971709665744 z^{30} + 405155607705555 z^{28}$ $+ 272992806034410 z^{26} + 140829856490505 z^{24}$ $+ 55290056929380 z^{22} + 16374354423735 z^{20}$ $+ 3613452847950 z^{18} + 584388251325 z^{16}$ $+ 67756735320 z^{14} + 5468194095 z^{12}$ $+ 294271146 z^{10} + 9916845 z^8 + 205660 z^6$ $+ 3795 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^8 + x^7 + x^5 + x^4 + 1$	$z^{60} + 30 z^{58} + 1875 z^{56} + 194140 z^{54} + 9999405 z^{52}$ $+ 294532266 z^{50} + 5466062895 z^{48}$ $+ 67757695320 z^{46} + 584408883645 z^{44}$ $+ 3613390133070 z^{42} + 16374406304055 z^{40}$ $+ 55290150514020 z^{38} + 140829597169545 z^{36}$ $+ 272992974656490 z^{34} + 405155796564435 z^{32}$ $+ 461971308262864 z^{30} + 405155796564435 z^{28}$ $+ 272992974656490 z^{26} + 140829597169545 z^{24}$ $+ 55290150514020 z^{22} + 16374406304055 z^{20}$ $+ 3613390133070 z^{18} + 584408883645 z^{16}$ $+ 67757695320 z^{14} + 5466062895 z^{12}$ $+ 294532266 z^{10} + 9999405 z^8 + 194140 z^6$ $+ 1875 z^4 + 30 z^2 + 1$	$\{[30, \sqrt{15}]\}$

$\{[60, 2, 51]\}$	$x^9 + x^8 + x^7 + x^4 + x^2 + 1$	$ \begin{aligned} & z^{60} + 2235 z^{56} + 191440 z^{54} + 10018485 z^{52} \\ & + 294419520 z^{50} + 5466550815 z^{48} \\ & + 67756148640 z^{46} + 584412768045 z^{44} \\ & + 3613381204800 z^{42} + 16374427629039 z^{40} \\ & + 55290099386160 z^{38} + 140829706041825 z^{36} \\ & + 272992783870080 z^{34} + 405156064628595 z^{32} \\ & + 461971007965888 z^{30} + 405156064628595 z^{28} \\ & + 272992783870080 z^{26} + 140829706041825 z^{24} \\ & + 55290099386160 z^{22} + 16374427629039 z^{20} \\ & + 3613381204800 z^{18} + 584412768045 z^{16} \\ & + 67756148640 z^{14} + 5466550815 z^{12} \\ & + 294419520 z^{10} + 10018485 z^8 + 191440 z^6 \\ & + 2235 z^4 + 1 \end{aligned} $	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + x + 1$	$ \begin{aligned} & z^{60} + 3195 z^{56} + 217680 z^{54} + 10222965 z^{52} \\ & + 294534720 z^{50} + 5462783135 z^{48} \\ & + 67752105120 z^{46} + 584450375085 z^{44} \\ & + 3613388232000 z^{42} + 16374225970479 z^{40} \\ & + 55290255407280 z^{38} + 140830119964705 z^{36} \\ & + 272992157412480 z^{34} + 405155818319475 z^{32} \\ & + 461971942588608 z^{30} + 405155818319475 z^{28} \\ & + 272992157412480 z^{26} + 140830119964705 z^{24} \\ & + 55290255407280 z^{22} + 16374225970479 z^{20} \\ & + 3613388232000 z^{18} + 584450375085 z^{16} \\ & + 67752105120 z^{14} + 5462783135 z^{12} \\ & + 294534720 z^{10} + 10222965 z^8 + 217680 z^6 \\ & + 3195 z^4 + 1 \end{aligned} $	$\{[30, \sqrt{15}]\}$
		$ \begin{aligned} & z^{60} + 120 z^{58} + 6660 z^{56} + 320350 z^{54} + 12031650 z^{52} \\ & + 305940000 z^{50} + 5470843125 z^{48} \\ & + 67622437500 z^{46} + 584204821875 z^{44} \\ & + 3614219490000 z^{42} + 16375561646250 z^{40} \\ & + 55286676557250 z^{38} + 140827544514000 z^{36} \end{aligned} $	

$\{[60, 2, 51]\}$	$x^9 + x^8 + x^5 + x^4 + x + 1$	$+273000682966680 z^{34} + 405157142780535 z^{32}$ $+461960924973256 z^{30} + 405157142780535 z^{28}$ $+273000682966680 z^{26} + 140827544514000 z^{24}$ $+55286676557250 z^{22} + 16375561646250 z^{20}$ $+3614219490000 z^{18} + 584204821875 z^{16}$ $+67622437500 z^{14} + 5470843125 z^{12}$ $+305940000 z^{10} + 12031650 z^8 + 320350 z^6$ $+6660 z^4 + 120 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^8 + x^5 + x^4 + x^3 + 1$	$z^{60} + 90 z^{58} + 3795 z^{56} + 222420 z^{54} + 10174125 z^{52}$ $+294579966 z^{50} + 5462888495 z^{48}$ $+67753958280 z^{46} + 584439158205 z^{44}$ $+3613408621290 z^{42} + 16374233383095 z^{40}$ $+55290171873900 z^{38} + 140830215026185 z^{36}$ $+272992277085630 z^{34} + 405155324351955 z^{32}$ $+461972631030384 z^{30} + 405155324351955 z^{28}$ $+272992277085630 z^{26} + 140830215026185 z^{24}$ $+55290171873900 z^{22} + 16374233383095 z^{20}$ $+3613408621290 z^{18} + 584439158205 z^{16}$ $+67753958280 z^{14} + 5462888495 z^{12}$ $+294579966 z^{10} + 10174125 z^8 + 222420 z^6$ $+3795 z^4 + 90 z^2 + 1$	$\{[30, \sqrt{15}]\}$
$\{[60, 2, 51]\}$	$x^9 + x^8 + x^3 + x^2 + x + 1$	$z^{60} + 30 z^{58} + 3795 z^{56} + 205660 z^{54} + 9916845 z^{52}$ $+294271146 z^{50} + 5468194095 z^{48}$ $+67756735320 z^{46} + 584388251325 z^{44}$ $+3613452847950 z^{42} + 16374354423735 z^{40}$ $+55290056929380 z^{38} + 140829856490505 z^{36}$ $+272992806034410 z^{34} + 405155607705555 z^{32}$ $+461971709665744 z^{30} + 405155607705555 z^{28}$ $+272992806034410 z^{26} + 140829856490505 z^{24}$ $+55290056929380 z^{22} + 16374354423735 z^{20}$ $+3613452847950 z^{18} + 584388251325 z^{16}$	$\{[30, \sqrt{15}]\}$

		$+67756735320 z^{14} + 5468194095 z^{12}$ $+294271146 z^{10} + 9916845 z^8 + 205660 z^6$ $+3795 z^4 + 30 z^2 + 1$	
$\{[63, 2, 54]\}$	$x^9 + 1$	$40353607 z^{54} + 1815912315 z^{52} + 37407793689 z^{50}$ $+467346652269 z^{48} + 3955679620578 z^{46}$ $+24011237825946 z^{44} + 107994271993734 z^{42}$ $+367049941165278 z^{40} + 954219636717165 z^{38}$ $+1911969895335689 z^{36}$ $+2967530321913003 z^{34}$ $+3579596390248263 z^{32}$ $+3361771486667244 z^{30}$ $+2457831634494012 z^{28}$ $+1395513476886564 z^{26}$ $+612228909206964 z^{24} + 205934857213617 z^{22}$ $+52588709766621 z^{20} + 10088668085727 z^{18}$ $+1441472837931 z^{16} + 152654317074 z^{14}$ $+11939939466 z^{12} + 685239030 z^{10}$ $+28448910 z^8 + 830907 z^6 + 16191 z^4 + 189 z^2 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{63} + 63 z^{61} + 567 z^{60} + 3591 z^{59} + 31185 z^{58}$ $+232092 z^{57} + 1461105 z^{56} + 8684739 z^{55}$ $+48830628 z^{54} + 253529199 z^{53}$ $+1203456933 z^{52} + 5198089701 z^{51}$ $+20402823105 z^{50} + 72945046224 z^{49}$ $+238482171459 z^{48} + 715734219249 z^{47}$ $+1978897105584 z^{46} + 5056655107539 z^{45}$ $+11975074029639 z^{44} + 26343925342119 z^{43}$ $+53942164375869 z^{42} + 102982463115084 z^{41}$ $+183581430317649 z^{40} + 305972413409019 z^{39}$ $+477315894304116 z^{38} + 697609404898371 z^{37}$ $+955975904379181 z^{36}$ $+1229108447180061 z^{35}$	

$\{[63, 2, 54]\}$	$x^9 + x^3 + 1$	$ \begin{aligned} &+1483410625810029 z^{34} \\ &+1681208798419584 z^{33} \\ &+1789682878367307 z^{32} \\ &+1789682878367307 z^{31} \\ &+1681208798419584 z^{30} \\ &+1483410625810029 z^{29} \\ &+1229108447180061 z^{28} \\ &+955975904379181 z^{27} + 697609404898371 z^{26} \\ &+477315894304116 z^{25} + 305972413409019 z^{24} \\ &+183581430317649 z^{23} + 102982463115084 z^{22} \\ &+53942164375869 z^{21} + 26343925342119 z^{20} \\ &+11975074029639 z^{19} + 5056655107539 z^{18} \\ &+1978897105584 z^{17} + 715734219249 z^{16} \\ &+238482171459 z^{15} + 72945046224 z^{14} \\ &+20402823105 z^{13} + 5198089701 z^{12} \\ &+1203456933 z^{11} + 253529199 z^{10} + 48830628 z^9 \\ &+8684739 z^8 + 1461105 z^7 + 232092 z^6 + 31185 z^5 \\ &+3591 z^4 + 567 z^3 + 63 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 63 z^{60} + 945 z^{59} + 14112 z^{58} + 136416 z^{57} \\ &+ 1076175 z^{56} + 7533225 z^{55} + 46257120 z^{54} \\ &+ 249788448 z^{53} + 1202566743 z^{52} \\ &+ 5211122553 z^{51} + 20446655040 z^{50} \\ &+ 73023768000 z^{49} + 238537466055 z^{48} \\ &+ 715612398165 z^{47} + 1978467664320 z^{46} \\ &+ 5056084031040 z^{45} + 11974934004075 z^{44} \\ &+ 26344854808965 z^{43} + 53944188772320 z^{42} \\ &+ 102984360383520 z^{41} + 183580949886075 z^{40} \\ &+ 305968249810125 z^{39} + 477310174207776 z^{38} \\ &+ 697607177688288 z^{37} + 955980704421043 z^{36} \\ &+ 1229118048541341 z^{35} \\ &+ 1483417656685440 z^{34} \end{aligned} $	

$\{[63, 2, 54]\}$	$x^9 + x^5 + x^2 + x + 1$	$ \begin{aligned} &+1681206677576832 z^{33} \\ &+1789672387476771 z^{32} \\ &+1789672387476771 z^{31} \\ &+1681206677576832 z^{30} \\ &+1483417656685440 z^{29} \\ &+1229118048541341 z^{28} \\ &+955980704421043 z^{27} + 697607177688288 z^{26} \\ &+477310174207776 z^{25} + 305968249810125 z^{24} \\ &+183580949886075 z^{23} + 102984360383520 z^{22} \\ &+53944188772320 z^{21} + 26344854808965 z^{20} \\ &+11974934004075 z^{19} + 5056084031040 z^{18} \\ &+1978467664320 z^{17} + 715612398165 z^{16} \\ &+238537466055 z^{15} + 73023768000 z^{14} \\ &+20446655040 z^{13} + 5211122553 z^{12} \\ &+1202566743 z^{11} + 249788448 z^{10} + 46257120 z^9 \\ &+7533225 z^8 + 1076175 z^7 + 136416 z^6 + 14112 z^5 \\ &+945 z^4 + 63 z^3 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 63 z^{60} + 945 z^{59} + 14112 z^{58} + 136416 z^{57} \\ &+ 1076175 z^{56} + 7533225 z^{55} + 46257120 z^{54} \\ &+ 249788448 z^{53} + 1202566743 z^{52} \\ &+ 5211122553 z^{51} + 20446655040 z^{50} \\ &+ 73023768000 z^{49} + 238537466055 z^{48} \\ &+ 715612398165 z^{47} + 1978467664320 z^{46} \\ &+ 5056084031040 z^{45} + 11974934004075 z^{44} \\ &+ 26344854808965 z^{43} + 53944188772320 z^{42} \\ &+ 102984360383520 z^{41} + 183580949886075 z^{40} \\ &+ 305968249810125 z^{39} + 477310174207776 z^{38} \\ &+ 697607177688288 z^{37} + 955980704421043 z^{36} \\ &+ 1229118048541341 z^{35} \\ &+ 1483417656685440 z^{34} \\ &+ 1681206677576832 z^{33} \end{aligned} $	

$\{[63, 2, 54]\}$	$x^9 + x^5 + x^4 + x^2 + 1$	$ \begin{aligned} &+1789672387476771 z^{32} \\ &+1789672387476771 z^{31} \\ &+1681206677576832 z^{30} \\ &+1483417656685440 z^{29} \\ &+1229118048541341 z^{28} \\ &+955980704421043 z^{27} + 697607177688288 z^{26} \\ &+477310174207776 z^{25} + 305968249810125 z^{24} \\ &+183580949886075 z^{23} + 102984360383520 z^{22} \\ &+53944188772320 z^{21} + 26344854808965 z^{20} \\ &+11974934004075 z^{19} + 5056084031040 z^{18} \\ &+1978467664320 z^{17} + 715612398165 z^{16} \\ &+238537466055 z^{15} + 73023768000 z^{14} \\ &+20446655040 z^{13} + 5211122553 z^{12} \\ &+1202566743 z^{11} + 249788448 z^{10} + 46257120 z^9 \\ &+7533225 z^8 + 1076175 z^7 + 136416 z^6 + 14112 z^5 \\ &+945 z^4 + 63 z^3 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 63 z^{61} + 567 z^{60} + 3591 z^{59} + 31185 z^{58} \\ &+ 232092 z^{57} + 1461105 z^{56} + 8684739 z^{55} \\ &+ 48830628 z^{54} + 253529199 z^{53} \\ &+ 1203456933 z^{52} + 5198089701 z^{51} \\ &+ 20402823105 z^{50} + 72945046224 z^{49} \\ &+ 238482171459 z^{48} + 715734219249 z^{47} \\ &+ 1978897105584 z^{46} + 5056655107539 z^{45} \\ &+ 11975074029639 z^{44} + 26343925342119 z^{43} \\ &+ 53942164375869 z^{42} + 102982463115084 z^{41} \\ &+ 183581430317649 z^{40} + 305972413409019 z^{39} \\ &+ 477315894304116 z^{38} + 697609404898371 z^{37} \\ &+ 955975904379181 z^{36} \\ &+ 1229108447180061 z^{35} \\ &+ 1483410625810029 z^{34} \\ &+ 1681208798419584 z^{33} \end{aligned} $	

$\{[63, 2, 54]\}$	$x^9 + x^6 + 1$	$+1789682878367307 z^{32}$ $+1789682878367307 z^{31}$ $+1681208798419584 z^{30}$ $+1483410625810029 z^{29}$ $+1229108447180061 z^{28}$ $+955975904379181 z^{27} + 697609404898371 z^{26}$ $+477315894304116 z^{25} + 305972413409019 z^{24}$ $+183581430317649 z^{23} + 102982463115084 z^{22}$ $+53942164375869 z^{21} + 26343925342119 z^{20}$ $+11975074029639 z^{19} + 5056655107539 z^{18}$ $+1978897105584 z^{17} + 715734219249 z^{16}$ $+238482171459 z^{15} + 72945046224 z^{14}$ $+20402823105 z^{13} + 5198089701 z^{12}$ $+1203456933 z^{11} + 253529199 z^{10} + 48830628 z^9$ $+8684739 z^8 + 1461105 z^7 + 232092 z^6 + 31185 z^5$ $+3591 z^4 + 567 z^3 + 63 z^2 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 54]\}$	$x^9 + x^6 + x^4 + x^3 + x + 1$	$189 z^{60} + 26460 z^{58} + 2173311 z^{56} + 92367604 z^{54}$ $+2405819997 z^{52} + 40891039560 z^{50}$ $+477080206071 z^{48} + 3956927930424 z^{46}$ $+23949866904705 z^{44} + 107888419497396 z^{42}$ $+367161753902139 z^{40} + 954620682767388 z^{38}$ $+1911960818809265 z^{36}$ $+2966836153281840 z^{34}$ $+3579343794314883 z^{32}$ $+3362414297502288 z^{30}$ $+2458235355980823 z^{28}$ $+1395214824471300 z^{26}$ $+611936269686525 z^{24} + 205968799202796 z^{22}$ $+52689699331479 z^{20} + 10112160011016 z^{18}$ $+1431232153029 z^{16} + 146043980280 z^{14}$ $+10423461867 z^{12} + 499267692 z^{10}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+15123465 z^8 + 265860 z^6 + 2331 z^4 + 1$	
$\{[63, 2, 54]\}$	$x^9 + x^7 + x^5 + x^4 + 1$	$z^{63} + 63 z^{60} + 945 z^{59} + 14112 z^{58} + 136416 z^{57}$ $+ 1076175 z^{56} + 7533225 z^{55} + 46257120 z^{54}$ $+ 249788448 z^{53} + 1202566743 z^{52}$ $+ 5211122553 z^{51} + 20446655040 z^{50}$ $+ 73023768000 z^{49} + 238537466055 z^{48}$ $+ 715612398165 z^{47} + 1978467664320 z^{46}$ $+ 5056084031040 z^{45} + 11974934004075 z^{44}$ $+ 26344854808965 z^{43} + 53944188772320 z^{42}$ $+ 102984360383520 z^{41} + 183580949886075 z^{40}$ $+ 305968249810125 z^{39} + 477310174207776 z^{38}$ $+ 697607177688288 z^{37} + 955980704421043 z^{36}$ $+ 1229118048541341 z^{35}$ $+ 1483417656685440 z^{34}$ $+ 1681206677576832 z^{33}$ $+ 1789672387476771 z^{32}$ $+ 1789672387476771 z^{31}$ $+ 1681206677576832 z^{30}$ $+ 1483417656685440 z^{29}$ $+ 1229118048541341 z^{28}$ $+ 955980704421043 z^{27} + 697607177688288 z^{26}$ $+ 477310174207776 z^{25} + 305968249810125 z^{24}$ $+ 183580949886075 z^{23} + 102984360383520 z^{22}$ $+ 53944188772320 z^{21} + 26344854808965 z^{20}$ $+ 11974934004075 z^{19} + 5056084031040 z^{18}$ $+ 1978467664320 z^{17} + 715612398165 z^{16}$ $+ 238537466055 z^{15} + 73023768000 z^{14}$ $+ 20446655040 z^{13} + 5211122553 z^{12}$ $+ 1202566743 z^{11} + 249788448 z^{10} + 46257120 z^9$ $+ 7533225 z^8 + 1076175 z^7 + 136416 z^6 + 14112 z^5$ $+ 945 z^4 + 63 z^3 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

$\{[63, 2, 54]\}$	$x^9 + x^7 + x + 1$	$ \begin{aligned} &189 z^{60} + 26460 z^{58} + 2173311 z^{56} + 92367604 z^{54} \\ &+ 2405819997 z^{52} + 40891039560 z^{50} \\ &+ 477080206071 z^{48} + 3956927930424 z^{46} \\ &+ 23949866904705 z^{44} + 107888419497396 z^{42} \\ &+ 367161753902139 z^{40} + 954620682767388 z^{38} \\ &+ 1911960818809265 z^{36} \\ &+ 2966836153281840 z^{34} \\ &+ 3579343794314883 z^{32} \\ &+ 3362414297502288 z^{30} \\ &+ 2458235355980823 z^{28} \\ &+ 1395214824471300 z^{26} \\ &+ 611936269686525 z^{24} + 205968799202796 z^{22} \\ &+ 52689699331479 z^{20} + 10112160011016 z^{18} \\ &+ 1431232153029 z^{16} + 146043980280 z^{14} \\ &+ 10423461867 z^{12} + 499267692 z^{10} \\ &+ 15123465 z^8 + 265860 z^6 + 2331 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 54]\}$	$x^9 + x^7 + x^4 + x + 1$	$ \begin{aligned} &z^{63} + 126 z^{60} + 2331 z^{59} + 18207 z^{58} + 145425 z^{57} \\ &+ 1130850 z^{56} + 7674408 z^{55} + 46274445 z^{54} \\ &+ 249308451 z^{53} + 1201467771 z^{52} \\ &+ 5209357608 z^{51} + 20445253794 z^{50} \\ &+ 73027305918 z^{49} + 238552948809 z^{48} \\ &+ 715637455911 z^{47} + 1978467606990 z^{46} \\ &+ 5056010796690 z^{45} + 11974818502332 z^{44} \\ &+ 26344827080901 z^{43} + 53944360142949 z^{42} \\ &+ 102984689692395 z^{41} + 183581121536820 z^{40} \\ &+ 305967918773538 z^{39} + 477309588390999 z^{38} \\ &+ 697606875258489 z^{37} + 955980758122117 z^{36} \\ &+ 1229118657802686 z^{35} \\ &+ 1483418922585516 z^{34} \\ &+ 1681207078807956 z^{33} \\ &+ 1789670781296559 z^{32} \end{aligned} $	

		$ \begin{aligned} &+1789670781296559 z^{31} \\ &+1681207078807956 z^{30} \\ &+1483418922585516 z^{29} \\ &+1229118657802686 z^{28} \\ &+955980758122117 z^{27} + 697606875258489 z^{26} \\ &+477309588390999 z^{25} + 305967918773538 z^{24} \\ &+183581121536820 z^{23} + 102984689692395 z^{22} \\ &+53944360142949 z^{21} + 26344827080901 z^{20} \\ &+11974818502332 z^{19} + 5056010796690 z^{18} \\ &+1978467606990 z^{17} + 715637455911 z^{16} \\ &+238552948809 z^{15} + 73027305918 z^{14} \\ &+20445253794 z^{13} + 5209357608 z^{12} \\ &+1201467771 z^{11} + 249308451 z^{10} + 46274445 z^9 \\ &+7674408 z^8 + 1130850 z^7 + 145425 z^6 + 18207 z^5 \\ &+2331 z^4 + 126 z^3 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
{[63, 2, 54]}	$x^9 + x^7 + x^6 + x^5 + x^3 + x^2 + 1$	$ \begin{aligned} &z^{63} + 1260 z^{59} + 14742 z^{58} + 130746 z^{57} + 1076679 z^{56} \\ &+ 7579593 z^{55} + 46213650 z^{54} + 249564798 z^{53} \\ &+ 1202918724 z^{52} + 5211801504 z^{51} \\ &+ 20445065172 z^{50} + 73022569740 z^{49} \\ &+ 238542207183 z^{48} + 715612827069 z^{47} \\ &+ 1978458037164 z^{46} + 5056088047668 z^{45} \\ &+ 11974946356800 z^{44} + 26344842264972 z^{43} \\ &+ 53944183257426 z^{42} + 102984379414686 z^{41} \\ &+ 183580935349707 z^{40} + 305968237696485 z^{39} \\ &+ 477310212145494 z^{38} + 697607164858842 z^{37} \\ &+ 955980660894532 z^{36} \\ &+ 1229118090195744 z^{35} \\ &+ 1483417675406520 z^{34} \\ &+ 1681206628902024 z^{33} \\ &+ 1789672409942067 z^{32} \end{aligned} $	

		$ \begin{aligned} &+1789672409942067 z^{31} \\ &+1681206628902024 z^{30} \\ &+1483417675406520 z^{29} \\ &+1229118090195744 z^{28} \\ &+955980660894532 z^{27} + 697607164858842 z^{26} \\ &+477310212145494 z^{25} + 305968237696485 z^{24} \\ &+183580935349707 z^{23} + 102984379414686 z^{22} \\ &+53944183257426 z^{21} + 26344842264972 z^{20} \\ &+11974946356800 z^{19} + 5056088047668 z^{18} \\ &+1978458037164 z^{17} + 715612827069 z^{16} \\ &+238542207183 z^{15} + 73022569740 z^{14} \\ &+20445065172 z^{13} + 5211801504 z^{12} \\ &+1202918724 z^{11} + 249564798 z^{10} + 46213650 z^9 \\ &+7579593 z^8 + 1076679 z^7 + 130746 z^6 + 14742 z^5 \\ &+1260 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 54]\}$	$x^9 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$ \begin{aligned} &189 z^{60} + 30807 z^{58} + 2156931 z^{56} + 92303638 z^{54} \\ &+ 2405921049 z^{52} + 40894471989 z^{50} \\ &+ 477059017071 z^{48} + 3956983235100 z^{46} \\ &+ 23949810643689 z^{44} + 107888351148255 z^{42} \\ &+ 367162055843751 z^{40} + 954620289432810 z^{38} \\ &+ 1911960909992357 z^{36} \\ &+ 2966836581916389 z^{34} \\ &+ 3579343154850771 z^{32} \\ &+ 3362414613247368 z^{30} \\ &+ 2458235522011527 z^{28} \\ &+ 1395214482204333 z^{26} \\ &+ 611936467389849 z^{24} + 205968782492298 z^{22} \\ &+ 52689659142267 z^{20} + 10112179901607 z^{18} \\ &+ 1431231851133 z^{16} + 146041583004 z^{14} \\ &+ 10423962003 z^{12} + 499381533 z^{10} \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+15083901 z^8 + 262710 z^6 + 3591 z^4 + 63 z^2 + 1$	
$\{[63, 2, 54]\}$	$x^9 + x^7 + x^6 + x + 1$	$z^{63} + 1260 z^{59} + 14742 z^{58} + 130746 z^{57} + 1076679 z^{56}$ $+ 7579593 z^{55} + 46213650 z^{54} + 249564798 z^{53}$ $+ 1202918724 z^{52} + 5211801504 z^{51}$ $+ 20445065172 z^{50} + 73022569740 z^{49}$ $+ 238542207183 z^{48} + 715612827069 z^{47}$ $+ 1978458037164 z^{46} + 5056088047668 z^{45}$ $+ 11974946356800 z^{44} + 26344842264972 z^{43}$ $+ 53944183257426 z^{42} + 102984379414686 z^{41}$ $+ 183580935349707 z^{40} + 305968237696485 z^{39}$ $+ 477310212145494 z^{38} + 697607164858842 z^{37}$ $+ 955980660894532 z^{36}$ $+ 1229118090195744 z^{35}$ $+ 1483417675406520 z^{34}$ $+ 1681206628902024 z^{33}$ $+ 1789672409942067 z^{32}$ $+ 1789672409942067 z^{31}$ $+ 1681206628902024 z^{30}$ $+ 1483417675406520 z^{29}$ $+ 1229118090195744 z^{28}$ $+ 955980660894532 z^{27} + 697607164858842 z^{26}$ $+ 477310212145494 z^{25} + 305968237696485 z^{24}$ $+ 183580935349707 z^{23} + 102984379414686 z^{22}$ $+ 53944183257426 z^{21} + 26344842264972 z^{20}$ $+ 11974946356800 z^{19} + 5056088047668 z^{18}$ $+ 1978458037164 z^{17} + 715612827069 z^{16}$ $+ 238542207183 z^{15} + 73022569740 z^{14}$ $+ 20445065172 z^{13} + 5211801504 z^{12}$ $+ 1202918724 z^{11} + 249564798 z^{10} + 46213650 z^9$ $+ 7579593 z^8 + 1076679 z^7 + 130746 z^6 + 14742 z^5$ $+ 1260 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

$\{[63, 2, 54]\}$	$x^9 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} & z^{63} + 1260 z^{59} + 14742 z^{58} + 130746 z^{57} + 1076679 z^{56} \\ & + 7579593 z^{55} + 46213650 z^{54} + 249564798 z^{53} \\ & + 1202918724 z^{52} + 5211801504 z^{51} \\ & + 20445065172 z^{50} + 73022569740 z^{49} \\ & + 238542207183 z^{48} + 715612827069 z^{47} \\ & + 1978458037164 z^{46} + 5056088047668 z^{45} \\ & + 11974946356800 z^{44} + 26344842264972 z^{43} \\ & + 53944183257426 z^{42} + 102984379414686 z^{41} \\ & + 183580935349707 z^{40} + 305968237696485 z^{39} \\ & + 477310212145494 z^{38} + 697607164858842 z^{37} \\ & + 955980660894532 z^{36} \\ & + 1229118090195744 z^{35} \\ & + 1483417675406520 z^{34} \\ & + 1681206628902024 z^{33} \\ & + 1789672409942067 z^{32} \\ & + 1789672409942067 z^{31} \\ & + 1681206628902024 z^{30} \\ & + 1483417675406520 z^{29} \\ & + 1229118090195744 z^{28} \\ & + 955980660894532 z^{27} + 697607164858842 z^{26} \\ & + 477310212145494 z^{25} + 305968237696485 z^{24} \\ & + 183580935349707 z^{23} + 102984379414686 z^{22} \\ & + 53944183257426 z^{21} + 26344842264972 z^{20} \\ & + 11974946356800 z^{19} + 5056088047668 z^{18} \\ & + 1978458037164 z^{17} + 715612827069 z^{16} \\ & + 238542207183 z^{15} + 73022569740 z^{14} \\ & + 20445065172 z^{13} + 5211801504 z^{12} \\ & + 1202918724 z^{11} + 249564798 z^{10} + 46213650 z^9 \\ & + 7579593 z^8 + 1076679 z^7 + 130746 z^6 + 14742 z^5 \\ & + 1260 z^4 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$189 z^{60} + 26460 z^{58} + 2173311 z^{56} + 92367604 z^{54}$	

$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^3 + x + 1$	$+2405819997 z^{52} + 40891039560 z^{50}$ $+477080206071 z^{48} + 3956927930424 z^{46}$ $+23949866904705 z^{44} + 107888419497396 z^{42}$ $+367161753902139 z^{40} + 954620682767388 z^{38}$ $+1911960818809265 z^{36}$ $+2966836153281840 z^{34}$ $+3579343794314883 z^{32}$ $+3362414297502288 z^{30}$ $+2458235355980823 z^{28}$ $+1395214824471300 z^{26}$ $+611936269686525 z^{24} + 205968799202796 z^{22}$ $+52689699331479 z^{20} + 10112160011016 z^{18}$ $+1431232153029 z^{16} + 146043980280 z^{14}$ $+10423461867 z^{12} + 499267692 z^{10}$ $+15123465 z^8 + 265860 z^6 + 2331 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$z^{63} + 1260 z^{59} + 14742 z^{58} + 130746 z^{57} + 1076679 z^{56}$ $+7579593 z^{55} + 46213650 z^{54} + 249564798 z^{53}$ $+1202918724 z^{52} + 5211801504 z^{51}$ $+20445065172 z^{50} + 73022569740 z^{49}$ $+238542207183 z^{48} + 715612827069 z^{47}$ $+1978458037164 z^{46} + 5056088047668 z^{45}$ $+11974946356800 z^{44} + 26344842264972 z^{43}$ $+53944183257426 z^{42} + 102984379414686 z^{41}$ $+183580935349707 z^{40} + 305968237696485 z^{39}$ $+477310212145494 z^{38} + 697607164858842 z^{37}$ $+955980660894532 z^{36}$ $+1229118090195744 z^{35}$ $+1483417675406520 z^{34}$ $+1681206628902024 z^{33}$ $+1789672409942067 z^{32}$ $+1789672409942067 z^{31}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$+1681206628902024 z^{30}$ $+1483417675406520 z^{29}$ $+1229118090195744 z^{28}$ $+955980660894532 z^{27} + 697607164858842 z^{26}$ $+477310212145494 z^{25} + 305968237696485 z^{24}$ $+183580935349707 z^{23} + 102984379414686 z^{22}$ $+53944183257426 z^{21} + 26344842264972 z^{20}$ $+11974946356800 z^{19} + 5056088047668 z^{18}$ $+1978458037164 z^{17} + 715612827069 z^{16}$ $+238542207183 z^{15} + 73022569740 z^{14}$ $+20445065172 z^{13} + 5211801504 z^{12}$ $+1202918724 z^{11} + 249564798 z^{10} + 46213650 z^9$ $+7579593 z^8 + 1076679 z^7 + 130746 z^6 + 14742 z^5$ $+1260 z^4 + 1$	
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$189 z^{60} + 30807 z^{58} + 2156931 z^{56} + 92303638 z^{54}$ $+2405921049 z^{52} + 40894471989 z^{50}$ $+477059017071 z^{48} + 3956983235100 z^{46}$ $+23949810643689 z^{44} + 107888351148255 z^{42}$ $+367162055843751 z^{40} + 954620289432810 z^{38}$ $+1911960909992357 z^{36}$ $+2966836581916389 z^{34}$ $+3579343154850771 z^{32}$ $+3362414613247368 z^{30}$ $+2458235522011527 z^{28}$ $+1395214482204333 z^{26}$ $+611936467389849 z^{24} + 205968782492298 z^{22}$ $+52689659142267 z^{20} + 10112179901607 z^{18}$ $+1431231851133 z^{16} + 146041583004 z^{14}$ $+10423962003 z^{12} + 499381533 z^{10}$ $+15083901 z^8 + 262710 z^6 + 3591 z^4 + 63 z^2 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{63} + 1260 z^{59} + 14742 z^{58} + 130746 z^{57} + 1076679 z^{56}$	

$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+7579593 z^{55} + 46213650 z^{54} + 249564798 z^{53} \\ &+ 1202918724 z^{52} + 5211801504 z^{51} \\ &+ 20445065172 z^{50} + 73022569740 z^{49} \\ &+ 238542207183 z^{48} + 715612827069 z^{47} \\ &+ 1978458037164 z^{46} + 5056088047668 z^{45} \\ &+ 11974946356800 z^{44} + 26344842264972 z^{43} \\ &+ 53944183257426 z^{42} + 102984379414686 z^{41} \\ &+ 183580935349707 z^{40} + 305968237696485 z^{39} \\ &+ 477310212145494 z^{38} + 697607164858842 z^{37} \\ &+ 955980660894532 z^{36} \\ &+ 1229118090195744 z^{35} \\ &+ 1483417675406520 z^{34} \\ &+ 1681206628902024 z^{33} \\ &+ 1789672409942067 z^{32} \\ &+ 1789672409942067 z^{31} \\ &+ 1681206628902024 z^{30} \\ &+ 1483417675406520 z^{29} \\ &+ 1229118090195744 z^{28} \\ &+ 955980660894532 z^{27} + 697607164858842 z^{26} \\ &+ 477310212145494 z^{25} + 305968237696485 z^{24} \\ &+ 183580935349707 z^{23} + 102984379414686 z^{22} \\ &+ 53944183257426 z^{21} + 26344842264972 z^{20} \\ &+ 11974946356800 z^{19} + 5056088047668 z^{18} \\ &+ 1978458037164 z^{17} + 715612827069 z^{16} \\ &+ 238542207183 z^{15} + 73022569740 z^{14} \\ &+ 20445065172 z^{13} + 5211801504 z^{12} \\ &+ 1202918724 z^{11} + 249564798 z^{10} + 46213650 z^9 \\ &+ 7579593 z^8 + 1076679 z^7 + 130746 z^6 + 14742 z^5 \\ &+ 1260 z^4 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &z^{63} + 63 z^{60} + 945 z^{59} + 14112 z^{58} + 136416 z^{57} \\ &+ 1076175 z^{56} + 7533225 z^{55} + 46257120 z^{54} \end{aligned} $	

$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^5 + x^3 + x + 1$	$+249788448 z^{53} + 1202566743 z^{52}$ $+5211122553 z^{51} + 20446655040 z^{50}$ $+73023768000 z^{49} + 238537466055 z^{48}$ $+715612398165 z^{47} + 1978467664320 z^{46}$ $+5056084031040 z^{45} + 11974934004075 z^{44}$ $+26344854808965 z^{43} + 53944188772320 z^{42}$ $+102984360383520 z^{41} + 183580949886075 z^{40}$ $+305968249810125 z^{39} + 477310174207776 z^{38}$ $+697607177688288 z^{37} + 955980704421043 z^{36}$ $+1229118048541341 z^{35}$ $+1483417656685440 z^{34}$ $+1681206677576832 z^{33}$ $+1789672387476771 z^{32}$ $+1789672387476771 z^{31}$ $+1681206677576832 z^{30}$ $+1483417656685440 z^{29}$ $+1229118048541341 z^{28}$ $+955980704421043 z^{27} + 697607177688288 z^{26}$ $+477310174207776 z^{25} + 305968249810125 z^{24}$ $+183580949886075 z^{23} + 102984360383520 z^{22}$ $+53944188772320 z^{21} + 26344854808965 z^{20}$ $+11974934004075 z^{19} + 5056084031040 z^{18}$ $+1978467664320 z^{17} + 715612398165 z^{16}$ $+238537466055 z^{15} + 73023768000 z^{14}$ $+20446655040 z^{13} + 5211122553 z^{12}$ $+1202566743 z^{11} + 249788448 z^{10} + 46257120 z^9$ $+7533225 z^8 + 1076175 z^7 + 136416 z^6 + 14112 z^5$ $+945 z^4 + 63 z^3 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{63} + 63 z^{61} + 1890 z^{59} + 5103 z^{58} + 158382 z^{57}$ $+1040769 z^{56} + 7618779 z^{55} + 46340910 z^{54}$ $+248837589 z^{53} + 1203928866 z^{52}$	

$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+5211090612 z^{51} + 20445025797 z^{50} \\ &+73033123500 z^{49} + 238514503899 z^{48} \\ &+715609187433 z^{47} + 1978545305772 z^{46} \\ &+5056007135991 z^{45} + 11974896772020 z^{44} \\ &+26344985684094 z^{43} + 53943978329703 z^{42} \\ &+102984546693042 z^{41} + 183581251827561 z^{40} \\ &+305967441158715 z^{39} + 477310488001074 z^{38} \\ &+697607924250069 z^{37} + 955979609265982 z^{36} \\ &+1229118597482328 z^{35} \\ &+1483418278863045 z^{34} \\ &+1681205011558632 z^{33} \\ &+1789673371549371 z^{32} \\ &+1789673371549371 z^{31} \\ &+1681205011558632 z^{30} \\ &+1483418278863045 z^{29} \\ &+1229118597482328 z^{28} \\ &+955979609265982 z^{27} + 697607924250069 z^{26} \\ &+477310488001074 z^{25} + 305967441158715 z^{24} \\ &+183581251827561 z^{23} + 102984546693042 z^{22} \\ &+53943978329703 z^{21} + 26344985684094 z^{20} \\ &+11974896772020 z^{19} + 5056007135991 z^{18} \\ &+1978545305772 z^{17} + 715609187433 z^{16} \\ &+238514503899 z^{15} + 73033123500 z^{14} \\ &+20445025797 z^{13} + 5211090612 z^{12} \\ &+1203928866 z^{11} + 248837589 z^{10} + 46340910 z^9 \\ &+7618779 z^8 + 1040769 z^7 + 158382 z^6 + 5103 z^5 \\ &+1890 z^4 + 63 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &1194102 z^{56} + 78152445 z^{54} + 2304325989 z^{52} \\ &+40623566067 z^{50} + 477490517217 z^{48} \\ &+3960230438934 z^{46} + 23950786858614 z^{44} \\ &+107873001448386 z^{42} + 367152285512880 z^{40} \end{aligned} $	

$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^2 + x + 1$	$ \begin{aligned} &+954662687967807 z^{38} \\ &+1911985904958087 z^{36} \\ &+2966764028062905 z^{34} \\ &+3579310197066303 z^{32} \\ &+3362491820630628 z^{30} \\ &+2458262554811748 z^{28} \\ &+1395163536858252 z^{26} \\ &+611921629456494 z^{24} + 205988120022699 z^{22} \\ &+52695849235491 z^{20} + 10108455128373 z^{18} \\ &+1429544660607 z^{16} + 146197943334 z^{14} \\ &+10619928774 z^{12} + 541173906 z^{10} \\ &+19098828 z^8 + 456057 z^6 + 6993 z^4 + 63 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^7 + x^4 + 1$	$ \begin{aligned} &z^{63} + 63 z^{60} + 945 z^{59} + 14112 z^{58} + 136416 z^{57} \\ &+ 1076175 z^{56} + 7533225 z^{55} + 46257120 z^{54} \\ &+ 249788448 z^{53} + 1202566743 z^{52} \\ &+ 5211122553 z^{51} + 20446655040 z^{50} \\ &+ 73023768000 z^{49} + 238537466055 z^{48} \\ &+ 715612398165 z^{47} + 1978467664320 z^{46} \\ &+ 5056084031040 z^{45} + 11974934004075 z^{44} \\ &+ 26344854808965 z^{43} + 53944188772320 z^{42} \\ &+ 102984360383520 z^{41} + 183580949886075 z^{40} \\ &+ 305968249810125 z^{39} + 477310174207776 z^{38} \\ &+ 697607177688288 z^{37} + 955980704421043 z^{36} \\ &+ 1229118048541341 z^{35} \\ &+ 1483417656685440 z^{34} \\ &+ 1681206677576832 z^{33} \\ &+ 1789672387476771 z^{32} \\ &+ 1789672387476771 z^{31} \\ &+ 1681206677576832 z^{30} \\ &+ 1483417656685440 z^{29} \\ &+ 1229118048541341 z^{28} \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $

		$ \begin{aligned} &+955980704421043 z^{27} + 697607177688288 z^{26} \\ &+477310174207776 z^{25} + 305968249810125 z^{24} \\ &+183580949886075 z^{23} + 102984360383520 z^{22} \\ &+53944188772320 z^{21} + 26344854808965 z^{20} \\ &+11974934004075 z^{19} + 5056084031040 z^{18} \\ &+1978467664320 z^{17} + 715612398165 z^{16} \\ &+238537466055 z^{15} + 73023768000 z^{14} \\ &+20446655040 z^{13} + 5211122553 z^{12} \\ &+1202566743 z^{11} + 249788448 z^{10} + 46257120 z^9 \\ &+7533225 z^8 + 1076175 z^7 + 136416 z^6 + 14112 z^5 \\ &+945 z^4 + 63 z^3 + 1 \end{aligned} $	
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^6 + x^5 + x^3 + 1$	$ \begin{aligned} &189 z^{60} + 26460 z^{58} + 2173311 z^{56} + 92367604 z^{54} \\ &+ 2405819997 z^{52} + 40891039560 z^{50} \\ &+ 477080206071 z^{48} + 3956927930424 z^{46} \\ &+ 23949866904705 z^{44} + 107888419497396 z^{42} \\ &+ 367161753902139 z^{40} + 954620682767388 z^{38} \\ &+ 1911960818809265 z^{36} \\ &+ 2966836153281840 z^{34} \\ &+ 3579343794314883 z^{32} \\ &+ 3362414297502288 z^{30} \\ &+ 2458235355980823 z^{28} \\ &+ 1395214824471300 z^{26} \\ &+ 611936269686525 z^{24} + 205968799202796 z^{22} \\ &+ 52689699331479 z^{20} + 10112160011016 z^{18} \\ &+ 1431232153029 z^{16} + 146043980280 z^{14} \\ &+ 10423461867 z^{12} + 499267692 z^{10} \\ &+ 15123465 z^8 + 265860 z^6 + 2331 z^4 + 1 \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$ \begin{aligned} &z^{63} + 63 z^{60} + 945 z^{59} + 14112 z^{58} + 136416 z^{57} \\ &+ 1076175 z^{56} + 7533225 z^{55} + 46257120 z^{54} \\ &+ 249788448 z^{53} + 1202566743 z^{52} \\ &+ 5211122553 z^{51} + 20446655040 z^{50} \end{aligned} $	

$\{[63, 2, 54]\}$	$x^9 + x^8 + x^6 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+73023768000 z^{49} + 238537466055 z^{48} \\ &+715612398165 z^{47} + 1978467664320 z^{46} \\ &+5056084031040 z^{45} + 11974934004075 z^{44} \\ &+26344854808965 z^{43} + 53944188772320 z^{42} \\ &+102984360383520 z^{41} + 183580949886075 z^{40} \\ &+305968249810125 z^{39} + 477310174207776 z^{38} \\ &+697607177688288 z^{37} + 955980704421043 z^{36} \\ &+1229118048541341 z^{35} \\ &+1483417656685440 z^{34} \\ &+1681206677576832 z^{33} \\ &+1789672387476771 z^{32} \\ &+1789672387476771 z^{31} \\ &+1681206677576832 z^{30} \\ &+1483417656685440 z^{29} \\ &+1229118048541341 z^{28} \\ &+955980704421043 z^{27} + 697607177688288 z^{26} \\ &+477310174207776 z^{25} + 305968249810125 z^{24} \\ &+183580949886075 z^{23} + 102984360383520 z^{22} \\ &+53944188772320 z^{21} + 26344854808965 z^{20} \\ &+11974934004075 z^{19} + 5056084031040 z^{18} \\ &+1978467664320 z^{17} + 715612398165 z^{16} \\ &+238537466055 z^{15} + 73023768000 z^{14} \\ &+20446655040 z^{13} + 5211122553 z^{12} \\ &+1202566743 z^{11} + 249788448 z^{10} + 46257120 z^9 \\ &+7533225 z^8 + 1076175 z^7 + 136416 z^6 + 14112 z^5 \\ &+945 z^4 + 63 z^3 + 1 \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $
		$ \begin{aligned} &189 z^{60} + 26460 z^{58} + 2173311 z^{56} + 92367604 z^{54} \\ &+2405819997 z^{52} + 40891039560 z^{50} \\ &+477080206071 z^{48} + 3956927930424 z^{46} \\ &+23949866904705 z^{44} + 107888419497396 z^{42} \\ &+367161753902139 z^{40} + 954620682767388 z^{38} \end{aligned} $	

$\{[63, 2, 54]\}$	$x^9 + x^8 + x^6 + x^4 + x^3 + x^2 + x + 1$	$+1911960818809265 z^{36}$ $+2966836153281840 z^{34}$ $+3579343794314883 z^{32}$ $+3362414297502288 z^{30}$ $+2458235355980823 z^{28}$ $+1395214824471300 z^{26}$ $+611936269686525 z^{24} + 205968799202796 z^{22}$ $+52689699331479 z^{20} + 10112160011016 z^{18}$ $+1431232153029 z^{16} + 146043980280 z^{14}$ $+10423461867 z^{12} + 499267692 z^{10}$ $+15123465 z^8 + 265860 z^6 + 2331 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^5 + x^4 + x^2 + x + 1$	$z^{63} + 63 z^{61} + 1890 z^{59} + 5103 z^{58} + 158382 z^{57}$ $+1040769 z^{56} + 7618779 z^{55} + 46340910 z^{54}$ $+248837589 z^{53} + 1203928866 z^{52}$ $+5211090612 z^{51} + 20445025797 z^{50}$ $+73033123500 z^{49} + 238514503899 z^{48}$ $+715609187433 z^{47} + 1978545305772 z^{46}$ $+5056007135991 z^{45} + 11974896772020 z^{44}$ $+26344985684094 z^{43} + 53943978329703 z^{42}$ $+102984546693042 z^{41} + 183581251827561 z^{40}$ $+305967441158715 z^{39} + 477310488001074 z^{38}$ $+697607924250069 z^{37} + 955979609265982 z^{36}$ $+1229118597482328 z^{35}$ $+1483418278863045 z^{34}$ $+1681205011558632 z^{33}$ $+1789673371549371 z^{32}$ $+1789673371549371 z^{31}$ $+1681205011558632 z^{30}$ $+1483418278863045 z^{29}$ $+1229118597482328 z^{28}$ $+955979609265982 z^{27} + 697607924250069 z^{26}$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$ \begin{aligned} &+477310488001074 z^{25} + 305967441158715 z^{24} \\ &+183581251827561 z^{23} + 102984546693042 z^{22} \\ &+53943978329703 z^{21} + 26344985684094 z^{20} \\ &+11974896772020 z^{19} + 5056007135991 z^{18} \\ &+1978545305772 z^{17} + 715609187433 z^{16} \\ &+238514503899 z^{15} + 73033123500 z^{14} \\ &+20445025797 z^{13} + 5211090612 z^{12} \\ &+1203928866 z^{11} + 248837589 z^{10} + 46340910 z^9 \\ &+7618779 z^8 + 1040769 z^7 + 158382 z^6 + 5103 z^5 \\ &+1890 z^4 + 63 z^2 + 1 \end{aligned} $	
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^5 + x^2 + 1$	$ \begin{aligned} &z^{63} + 126 z^{60} + 2331 z^{59} + 18207 z^{58} + 145425 z^{57} \\ &+ 1130850 z^{56} + 7674408 z^{55} + 46274445 z^{54} \\ &+ 249308451 z^{53} + 1201467771 z^{52} \\ &+ 5209357608 z^{51} + 20445253794 z^{50} \\ &+ 73027305918 z^{49} + 238552948809 z^{48} \\ &+ 715637455911 z^{47} + 1978467606990 z^{46} \\ &+ 5056010796690 z^{45} + 11974818502332 z^{44} \\ &+ 26344827080901 z^{43} + 53944360142949 z^{42} \\ &+ 102984689692395 z^{41} + 183581121536820 z^{40} \\ &+ 305967918773538 z^{39} + 477309588390999 z^{38} \\ &+ 697606875258489 z^{37} + 955980758122117 z^{36} \\ &+ 1229118657802686 z^{35} \\ &+ 1483418922585516 z^{34} \\ &+ 1681207078807956 z^{33} \\ &+ 1789670781296559 z^{32} \\ &+ 1789670781296559 z^{31} \\ &+ 1681207078807956 z^{30} \\ &+ 1483418922585516 z^{29} \\ &+ 1229118657802686 z^{28} \\ &+ 955980758122117 z^{27} + 697606875258489 z^{26} \\ &+ 477309588390999 z^{25} + 305967918773538 z^{24} \end{aligned} $	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$

		$ \begin{aligned} &+183581121536820 z^{23} + 102984689692395 z^{22} \\ &+53944360142949 z^{21} + 26344827080901 z^{20} \\ &+11974818502332 z^{19} + 5056010796690 z^{18} \\ &+1978467606990 z^{17} + 715637455911 z^{16} \\ &+238552948809 z^{15} + 73027305918 z^{14} \\ &+20445253794 z^{13} + 5209357608 z^{12} \\ &+1201467771 z^{11} + 249308451 z^{10} + 46274445 z^9 \\ &+7674408 z^8 + 1130850 z^7 + 145425 z^6 + 18207 z^5 \\ &+2331 z^4 + 126 z^3 + 1 \end{aligned} $	
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^3 + x^2 + 1$	$ \begin{aligned} &z^{63} + 1260 z^{59} + 14742 z^{58} + 130746 z^{57} + 1076679 z^{56} \\ &+ 7579593 z^{55} + 46213650 z^{54} + 249564798 z^{53} \\ &+ 1202918724 z^{52} + 5211801504 z^{51} \\ &+ 20445065172 z^{50} + 73022569740 z^{49} \\ &+ 238542207183 z^{48} + 715612827069 z^{47} \\ &+ 1978458037164 z^{46} + 5056088047668 z^{45} \\ &+ 11974946356800 z^{44} + 26344842264972 z^{43} \\ &+ 53944183257426 z^{42} + 102984379414686 z^{41} \\ &+ 183580935349707 z^{40} + 305968237696485 z^{39} \\ &+ 477310212145494 z^{38} + 697607164858842 z^{37} \\ &+ 955980660894532 z^{36} \\ &+ 1229118090195744 z^{35} \\ &+ 1483417675406520 z^{34} \\ &+ 1681206628902024 z^{33} \\ &+ 1789672409942067 z^{32} \\ &+ 1789672409942067 z^{31} \\ &+ 1681206628902024 z^{30} \\ &+ 1483417675406520 z^{29} \\ &+ 1229118090195744 z^{28} \\ &+ 955980660894532 z^{27} + 697607164858842 z^{26} \\ &+ 477310212145494 z^{25} + 305968237696485 z^{24} \\ &+ 183580935349707 z^{23} + 102984379414686 z^{22} \end{aligned} $	$ \left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\} $

		$+53944183257426 z^{21} + 26344842264972 z^{20}$ $+11974946356800 z^{19} + 5056088047668 z^{18}$ $+1978458037164 z^{17} + 715612827069 z^{16}$ $+238542207183 z^{15} + 73022569740 z^{14}$ $+20445065172 z^{13} + 5211801504 z^{12}$ $+1202918724 z^{11} + 249564798 z^{10} + 46213650 z^9$ $+7579593 z^8 + 1076679 z^7 + 130746 z^6 + 14742 z^5$ $+1260 z^4 + 1$	
$\{[63, 2, 54]\}$	$x^9 + x^8 + x^2 + 1$	$189 z^{60} + 26460 z^{58} + 2173311 z^{56} + 92367604 z^{54}$ $+2405819997 z^{52} + 40891039560 z^{50}$ $+477080206071 z^{48} + 3956927930424 z^{46}$ $+23949866904705 z^{44} + 107888419497396 z^{42}$ $+367161753902139 z^{40} + 954620682767388 z^{38}$ $+1911960818809265 z^{36}$ $+2966836153281840 z^{34}$ $+3579343794314883 z^{32}$ $+3362414297502288 z^{30}$ $+2458235355980823 z^{28}$ $+1395214824471300 z^{26}$ $+611936269686525 z^{24} + 205968799202796 z^{22}$ $+52689699331479 z^{20} + 10112160011016 z^{18}$ $+1431232153029 z^{16} + 146043980280 z^{14}$ $+10423461867 z^{12} + 499267692 z^{10}$ $+15123465 z^8 + 265860 z^6 + 2331 z^4 + 1$	$\left\{ \left[\frac{63}{2}, \frac{3\sqrt{7}}{2} \right] \right\}$
		$z^{64} + 96 z^{62} + 11504 z^{60} + 667168 z^{58} + 26231416 z^{56}$ $+710343648 z^{54} + 13682236624 z^{52}$ $+189701311392 z^{50} + 1908458093340 z^{48}$ $+14047506788576 z^{46} + 76605767861232 z^{44}$ $+313917521764768 z^{42} + 979257889258824 z^{40}$ $+2349755640179808 z^{38}$ $+4369835309167184 z^{36}$	

$\{[64, 2, 55]\}$	$x^9 + x^8 + x + 1$	$+6329287099943712 z^{34}$ $+7159158391245382 z^{32}$ $+6329287099943712 z^{30}$ $+4369835309167184 z^{28}$ $+2349755640179808 z^{26}$ $+979257889258824 z^{24} + 313917521764768 z^{22}$ $+76605767861232 z^{20} + 14047506788576 z^{18}$ $+1908458093340 z^{16} + 189701311392 z^{14}$ $+13682236624 z^{12} + 710343648 z^{10}$ $+26231416 z^8 + 667168 z^6 + 11504 z^4 + 96 z^2 + 1$	$\{[32, 4]\}$
$\{[68, 2, 59]\}$	$x^9 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{68} + 102 z^{66} + 4913 z^{64} + 427040 z^{62} + 28782632 z^{60}$ $+ 1135888592 z^{58} + 28447431304 z^{56}$ $+ 481376210016 z^{54} + 5740495829420 z^{52}$ $+ 49751131995944 z^{50} + 320762953971788 z^{48}$ $+ 1566324190196256 z^{46}$ $+ 5873716878296824 z^{44}$ $+ 17097028163661232 z^{42}$ $+ 38943239623032280 z^{40}$ $+ 69829254407273824 z^{38}$ $+ 98971695353539414 z^{36}$ $+ 111144703930340324 z^{34}$ $+ 98971695353539414 z^{32}$ $+ 69829254407273824 z^{30}$ $+ 38943239623032280 z^{28}$ $+ 17097028163661232 z^{26}$ $+ 5873716878296824 z^{24}$ $+ 1566324190196256 z^{22}$ $+ 320762953971788 z^{20} + 49751131995944 z^{18}$ $+ 5740495829420 z^{16} + 481376210016 z^{14}$ $+ 28447431304 z^{12} + 1135888592 z^{10}$ $+ 28782632 z^8 + 427040 z^6 + 4913 z^4 + 102 z^2 + 1$	$\{[34, \sqrt{17}]\}$

$\{[68, 2, 59]\}$	$x^9 + x^8 + x^6 + x^3 + x + 1$	$ \begin{aligned} & z^{68} + 102 z^{66} + 4913 z^{64} + 427040 z^{62} + 28782632 z^{60} \\ & + 1135888592 z^{58} + 28447431304 z^{56} \\ & + 481376210016 z^{54} + 5740495829420 z^{52} \\ & + 49751131995944 z^{50} + 320762953971788 z^{48} \\ & + 1566324190196256 z^{46} \\ & + 5873716878296824 z^{44} \\ & + 17097028163661232 z^{42} \\ & + 38943239623032280 z^{40} \\ & + 69829254407273824 z^{38} \\ & + 98971695353539414 z^{36} \\ & + 111144703930340324 z^{34} \\ & + 98971695353539414 z^{32} \\ & + 69829254407273824 z^{30} \\ & + 38943239623032280 z^{28} \\ & + 17097028163661232 z^{26} \\ & + 5873716878296824 z^{24} \\ & + 1566324190196256 z^{22} \\ & + 320762953971788 z^{20} + 49751131995944 z^{18} \\ & + 5740495829420 z^{16} + 481376210016 z^{14} \\ & + 28447431304 z^{12} + 1135888592 z^{10} \\ & + 28782632 z^8 + 427040 z^6 + 4913 z^4 + 102 z^2 + 1 \end{aligned} $	$\{[34, \sqrt{17}]\}$
		$ \begin{aligned} & z^{70} + 140 z^{68} + 9170 z^{66} + 482475 z^{64} + 1250000 z^{63} \\ & + 23355150 z^{62} + 105000000 z^{61} + 850624250 z^{60} \\ & + 4000500000 z^{59} + 21350841750 z^{58} \\ & + 91581000000 z^{57} + 379136711250 z^{56} \\ & + 1407718550000 z^{55} + 4842247541250 z^{54} \\ & + 15395814000000 z^{53} + 45284596936250 z^{52} \\ & + 124021686600000 z^{51} + 316161731348750 z^{50} \\ & + 752784994800000 z^{49} \\ & + 1676817094940750 z^{48} \\ & + 3499069193970000 z^{47} \end{aligned} $	

$$\{[70, 2, 61]\}$$

$$x^9 + x^6 + x^5 + x^4 + x^3 + x + 1$$

$$\begin{aligned}
&+6852816829041750 z^{46} \\
&+12608938896120000 z^{45} \\
&+21822797466918210 z^{44} \\
&+35564108485298400 z^{43} \\
&+54615070882807470 z^{42} \\
&+79098334053681600 z^{41} \\
&+108101697533655882 z^{40} \\
&+139484223805170160 z^{39} \\
&+169998392322144260 z^{38} \\
&+195754829633368320 z^{37} \\
&+213026470236064730 z^{36} \\
&+219115084668230016 z^{35} \\
&+213026470236064730 z^{34} \\
&+195754829633368320 z^{33} \\
&+169998392322144260 z^{32} \\
&+139484223805170160 z^{31} \\
&+108101697533655882 z^{30} \\
&+79098334053681600 z^{29} \\
&+54615070882807470 z^{28} \\
&+35564108485298400 z^{27} \\
&+21822797466918210 z^{26} \\
&+12608938896120000 z^{25} \\
&+6852816829041750 z^{24} \\
&+3499069193970000 z^{23} \\
&+1676817094940750 z^{22} \\
&+752784994800000 z^{21} + 316161731348750 z^{20} \\
&+124021686600000 z^{19} + 45284596936250 z^{18} \\
&+15395814000000 z^{17} + 4842247541250 z^{16} \\
&+1407718550000 z^{15} + 379136711250 z^{14} \\
&+91581000000 z^{13} + 21350841750 z^{12} \\
&+4000500000 z^{11} + 850624250 z^{10}
\end{aligned}$$

$$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$$

		$+105000000 z^9 + 23355150 z^8 + 1250000 z^7$ $+482475 z^6 + 9170 z^4 + 140 z^2 + 1$	
$\{[70, 2, 61]\}$	$x^9 + x^7 + x^6 + x^5 + x^4 + x^2 + x + 1$	$35 z^{68} + 5320 z^{66} + 588105 z^{64} + 37919560 z^{62}$ $+ 1554762832 z^{60} + 41545816200 z^{58}$ $+ 754783323040 z^{56} + 9687941037320 z^{54}$ $+ 90611100155100 z^{52} + 632360339583336 z^{50}$ $+ 3353427828687300 z^{48}$ $+ 13705346354317800 z^{46}$ $+ 43646238940284960 z^{44}$ $+ 109230992184780200 z^{42}$ $+ 216202113289126608 z^{40}$ $+ 339995314503162920 z^{38}$ $+ 426054615370099450 z^{36}$ $+ 426054610832531800 z^{34}$ $+ 339995318563091870 z^{32}$ $+ 216202110041183448 z^{30}$ $+ 109230994504739600 z^{28}$ $+ 43646237463947160 z^{26}$ $+ 13705347188769600 z^{24}$ $+ 3353427411461400 z^{22}$ $+ 632360523162732 z^{20} + 90611029547640 z^{18}$ $+ 9687964573140 z^{16} + 754776598520 z^{14}$ $+ 41547439360 z^{12} + 1554438200 z^{10}$ $+ 37971920 z^8 + 581560 z^6 + 5915 z^4 + 1$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
		$z^{70} + 210 z^{68} + 20195 z^{66} + 1177540 z^{64}$ $+ 46465965 z^{62} + 1594336471 z^{60}$ $+ 41455249745 z^{58} + 753834466875 z^{56}$ $+ 9688781908225 z^{54} + 90620348109375 z^{52}$ $+ 632350008107181 z^{50}$ $+ 3353381301727275 z^{48}$ $+ 13705427211027825 z^{46}$	

$\{[70, 2, 61]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+43646337888574995 z^{44} \\ &+109230690060766085 z^{42} \\ &+216202130768885863 z^{40} \\ &+339995822593216335 z^{38} \\ &+426054258712806815 z^{36} \\ &+426054258712806815 z^{34} \\ &+339995822593216335 z^{32} \\ &+216202130768885863 z^{30} \\ &+109230690060766085 z^{28} \\ &+43646337888574995 z^{26} \\ &+13705427211027825 z^{24} \\ &+3353381301727275 z^{22} \\ &+632350008107181 z^{20} + 90620348109375 z^{18} \\ &+9688781908225 z^{16} + 753834466875 z^{14} \\ &+41455249745 z^{12} + 1594336471 z^{10} \\ &+46465965 z^8 + 1177540 z^6 + 20195 z^4 + 210 z^2 \\ &+1 \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$
$\{[70, 2, 61]\}$	$x^9 + x^8 + x^7 + x^5 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &35 z^{68} + 5320 z^{66} + 588105 z^{64} + 37919560 z^{62} \\ &+ 1554762832 z^{60} + 41545816200 z^{58} \\ &+ 754783323040 z^{56} + 9687941037320 z^{54} \\ &+ 90611100155100 z^{52} + 632360339583336 z^{50} \\ &+ 3353427828687300 z^{48} \\ &+ 13705346354317800 z^{46} \\ &+ 43646238940284960 z^{44} \\ &+ 109230992184780200 z^{42} \\ &+ 216202113289126608 z^{40} \\ &+ 339995314503162920 z^{38} \\ &+ 426054615370099450 z^{36} \\ &+ 426054610832531800 z^{34} \\ &+ 339995318563091870 z^{32} \\ &+ 216202110041183448 z^{30} \end{aligned} $	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$+109230994504739600 z^{28}$ $+43646237463947160 z^{26}$ $+13705347188769600 z^{24}$ $+3353427411461400 z^{22}$ $+632360523162732 z^{20} + 90611029547640 z^{18}$ $+9687964573140 z^{16} + 754776598520 z^{14}$ $+41547439360 z^{12} + 1554438200 z^{10}$ $+37971920 z^8 + 581560 z^6 + 5915 z^4 + 1$	
$\{[70, 2, 61]\}$	$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{70} + 140 z^{68} + 9170 z^{66} + 482475 z^{64} + 1250000 z^{63}$ $+ 23355150 z^{62} + 105000000 z^{61} + 850624250 z^{60}$ $+ 4000500000 z^{59} + 21350841750 z^{58}$ $+ 91581000000 z^{57} + 379136711250 z^{56}$ $+ 1407718550000 z^{55} + 4842247541250 z^{54}$ $+ 15395814000000 z^{53} + 45284596936250 z^{52}$ $+ 124021686600000 z^{51} + 316161731348750 z^{50}$ $+ 752784994800000 z^{49}$ $+ 1676817094940750 z^{48}$ $+ 3499069193970000 z^{47}$ $+ 6852816829041750 z^{46}$ $+ 12608938896120000 z^{45}$ $+ 21822797466918210 z^{44}$ $+ 35564108485298400 z^{43}$ $+ 54615070882807470 z^{42}$ $+ 79098334053681600 z^{41}$ $+ 108101697533655882 z^{40}$ $+ 139484223805170160 z^{39}$ $+ 169998392322144260 z^{38}$ $+ 195754829633368320 z^{37}$ $+ 213026470236064730 z^{36}$ $+ 219115084668230016 z^{35}$ $+ 213026470236064730 z^{34}$	$\left\{ \left[35, \frac{\sqrt{70}}{2} \right] \right\}$

		$+195754829633368320 z^{33}$ $+169998392322144260 z^{32}$ $+139484223805170160 z^{31}$ $+108101697533655882 z^{30}$ $+79098334053681600 z^{29}$ $+54615070882807470 z^{28}$ $+35564108485298400 z^{27}$ $+21822797466918210 z^{26}$ $+12608938896120000 z^{25}$ $+6852816829041750 z^{24}$ $+3499069193970000 z^{23}$ $+1676817094940750 z^{22}$ $+752784994800000 z^{21} + 316161731348750 z^{20}$ $+124021686600000 z^{19} + 45284596936250 z^{18}$ $+15395814000000 z^{17} + 4842247541250 z^{16}$ $+1407718550000 z^{15} + 379136711250 z^{14}$ $+91581000000 z^{13} + 21350841750 z^{12}$ $+4000500000 z^{11} + 850624250 z^{10}$ $+105000000 z^9 + 23355150 z^8 + 1250000 z^7$ $+482475 z^6 + 9170 z^4 + 140 z^2 + 1$	
		$z^{72} + 252 z^{70} + 28854 z^{68} + 1985340 z^{66}$ $+91509273 z^{64} + 2983222368 z^{62}$ $+70855853712 z^{60} + 1246517364960 z^{58}$ $+16395560353908 z^{56} + 162294420311632 z^{54}$ $+1217706764772456 z^{52}$ $+6991662044960208 z^{50}$ $+31053181440147972 z^{48}$ $+107804425418321184 z^{46}$ $+295154680716888048 z^{44}$ $+641801423468949408 z^{42}$ $+1114080161030663022 z^{40}$	

$\{[72, 2, 63]\}$	$x^9 + 1$	$+1549081937178709416 z^{38}$ $+1728641659866691780 z^{36}$ $+1549081937178709416 z^{34}$ $+1114080161030663022 z^{32}$ $+641801423468949408 z^{30}$ $+295154680716888048 z^{28}$ $+107804425418321184 z^{26}$ $+31053181440147972 z^{24}$ $+6991662044960208 z^{22}$ $+1217706764772456 z^{20}$ $+162294420311632 z^{18} + 16395560353908 z^{16}$ $+1246517364960 z^{14} + 70855853712 z^{12}$ $+2983222368 z^{10} + 91509273 z^8 + 1985340 z^6$ $+28854 z^4 + 252 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
$\{[72, 2, 63]\}$	$x^9 + x^6 + x^3 + 1$	$z^{72} + 180 z^{70} + 18918 z^{68} + 1290612 z^{66}$ $+ 63799065 z^{64} + 2291107104 z^{62}$ $+ 60956235024 z^{60} + 1167343206048 z^{58}$ $+ 16065578411892 z^{56} + 161823186561520 z^{54}$ $+ 1219038840599976 z^{52}$ $+ 6997200055467120 z^{50}$ $+ 31055253624176388 z^{48}$ $+ 107786658534046560 z^{46}$ $+ 295133084857953648 z^{44}$ $+ 641827391235139296 z^{42}$ $+ 1114135227544869486 z^{40}$ $+ 1549068749387006328 z^{38}$ $+ 1728568589854997476 z^{36}$ $+ 1549068749387006328 z^{34}$ $+ 1114135227544869486 z^{32}$ $+ 641827391235139296 z^{30}$ $+ 295133084857953648 z^{28}$	$\{[36, 3 \sqrt{2}]\}$

		$+107786658534046560 z^{26}$ $+31055253624176388 z^{24}$ $+6997200055467120 z^{22}$ $+1219038840599976 z^{20}$ $+161823186561520 z^{18} + 16065578411892 z^{16}$ $+1167343206048 z^{14} + 60956235024 z^{12}$ $+2291107104 z^{10} + 63799065 z^8 + 1290612 z^6$ $+18918 z^4 + 180 z^2 + 1$	
$\{[72, 2, 63]\}$	$x^9 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{72} + 72 z^{70} + 9288 z^{68} + 716904 z^{66} + 47172537 z^{64}$ $+2090193696 z^{62} + 60002292864 z^{60}$ $+1167376581216 z^{58} + 16079355403092 z^{56}$ $+161842879418304 z^{54}$ $+1218943966506336 z^{52}$ $+6997044000756096 z^{50}$ $+31055695220565924 z^{48}$ $+107787214113267744 z^{46}$ $+295131648285207936 z^{44}$ $+641826402938850912 z^{42}$ $+1114138333814092110 z^{40}$ $+1549069333666425360 z^{38}$ $+1728564501339855024 z^{36}$ $+1549069333666425360 z^{34}$ $+1114138333814092110 z^{32}$ $+641826402938850912 z^{30}$ $+295131648285207936 z^{28}$ $+107787214113267744 z^{26}$ $+31055695220565924 z^{24}$ $+6997044000756096 z^{22}$ $+1218943966506336 z^{20}$ $+161842879418304 z^{18} + 16079355403092 z^{16}$ $+1167376581216 z^{14} + 60002292864 z^{12}$	$\{[36, 3 \sqrt{2}]\}$

		$+2090193696 z^{10} + 47172537 z^8 + 716904 z^6$ $+ 9288 z^4 + 72 z^2 + 1$	
$\{[72, 2, 63]\}$	$x^9 + x^8 + x^7 + x^6 + x^3 + x^2 + x + 1$	$z^{72} + 72 z^{70} + 11718 z^{68} + 900936 z^{66} + 52696089 z^{64}$ $+ 2157248448 z^{62} + 60322798608 z^{60}$ $+ 1167354454464 z^{58} + 16074750209652 z^{56}$ $+ 161836481365728 z^{54}$ $+ 1218975279627816 z^{52}$ $+ 6997095714359520 z^{50}$ $+ 31055550142524420 z^{48}$ $+ 107787025679188032 z^{46}$ $+ 295132127876828784 z^{44}$ $+ 641826736159414848 z^{42}$ $+ 1114137294469828974 z^{40}$ $+ 1549069137076827312 z^{38}$ $+ 1728565869818204964 z^{36}$ $+ 1549069137076827312 z^{34}$ $+ 1114137294469828974 z^{32}$ $+ 641826736159414848 z^{30}$ $+ 295132127876828784 z^{28}$ $+ 107787025679188032 z^{26}$ $+ 31055550142524420 z^{24}$ $+ 6997095714359520 z^{22}$ $+ 1218975279627816 z^{20}$ $+ 161836481365728 z^{18} + 16074750209652 z^{16}$ $+ 1167354454464 z^{14} + 60322798608 z^{12}$ $+ 2157248448 z^{10} + 52696089 z^8 + 900936 z^6$ $+ 11718 z^4 + 72 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
		$z^{72} + 36 z^{70} + 7686 z^{68} + 687588 z^{66} + 47694105 z^{64}$ $+ 2095629984 z^{62} + 59986930704 z^{60}$ $+ 1167244778016 z^{58} + 16079746993524 z^{56}$ $+ 161843975356720 z^{54}$	

$\{[72, 2, 63]\}$	$x^9 + x^8 + x^7 + x^5 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+1218938749770024 z^{52} \\ &+6997044744972720 z^{50} \\ &+31055720878637316 z^{48} \\ &+107787174281848800 z^{46} \\ &+295131621673946736 z^{44} \\ &+641826534910371168 z^{42} \\ &+1114138235223715950 z^{40} \\ &+1549069224780179736 z^{38} \\ &+1728564740171734180 z^{36} \\ &+1549069224780179736 z^{34} \\ &+1114138235223715950 z^{32} \\ &+641826534910371168 z^{30} \\ &+295131621673946736 z^{28} \\ &+107787174281848800 z^{26} \\ &+31055720878637316 z^{24} \\ &+6997044744972720 z^{22} \\ &+1218938749770024 z^{20} \\ &+161843975356720 z^{18} + 16079746993524 z^{16} \\ &+1167244778016 z^{14} + 59986930704 z^{12} \\ &+2095629984 z^{10} + 47694105 z^8 + 687588 z^6 \\ &+7686 z^4 + 36 z^2 + 1 \end{aligned} $	$\{[36, 3 \sqrt{2}]\}$
		$ \begin{aligned} &z^{72} + 180 z^{70} + 15030 z^{68} + 1052148 z^{66} \\ &+ 58096665 z^{64} + 2226239136 z^{62} \\ &+ 60638974608 z^{60} + 1167323415840 z^{58} \\ &+ 16070198759028 z^{56} + 161829975268720 z^{54} \\ &+ 1219006807463016 z^{52} \\ &+ 6997147036516080 z^{50} \\ &+ 31055404414770180 z^{48} \\ &+ 107786843369109216 z^{46} \\ &+ 295132591576185840 z^{44} \\ &+ 641827088622343008 z^{42} \end{aligned} $	

$\{[72, 2, 63]\}$	$x^9 + x^8 + x^5 + x^4 + x + 1$	$+1114136252279150958 z^{40}$ $+1549068913479880440 z^{38}$ $+1728567280840295620 z^{36}$ $+1549068913479880440 z^{34}$ $+1114136252279150958 z^{32}$ $+641827088622343008 z^{30}$ $+295132591576185840 z^{28}$ $+107786843369109216 z^{26}$ $+31055404414770180 z^{24}$ $+6997147036516080 z^{22}$ $+1219006807463016 z^{20}$ $+161829975268720 z^{18} + 16070198759028 z^{16}$ $+1167323415840 z^{14} + 60638974608 z^{12}$ $+2226239136 z^{10} + 58096665 z^8 + 1052148 z^6$ $+15030 z^4 + 180 z^2 + 1$	$\{[36, 3 \sqrt{2}]\}$
		$z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67}$ $+3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64}$ $+1213394028 z^{63} + 6949985148 z^{62}$ $+35909635860 z^{61} + 168499890348 z^{60}$ $+722133100980 z^{59} + 2840375203572 z^{58}$ $+10296394920480 z^{57} + 34523281756116 z^{56}$ $+107405673284620 z^{55} + 310910919682440 z^{54}$ $+839459677057452 z^{53}$ $+2118636873834228 z^{52}$ $+5007686777456688 z^{51}$ $+11104000213215780 z^{50}$ $+23133334600244700 z^{49}$ $+45341336824693416 z^{48}$ $+83707081380359388 z^{47}$ $+145712326357765948 z^{46}$ $+239384540745943876 z^{45}$	

$$\{[73, 2, 64]\}$$

$$x^9 + x + 1$$

$$\begin{aligned}
&+371458769402377980 z^{44} \\
&+544806186024550164 z^{43} \\
&+755698905263776452 z^{42} \\
&+991854828179059482 z^{41} \\
&+1232304480885072084 z^{40} \\
&+1449769956959911740 z^{39} \\
&+1615457953822437126 z^{38} \\
&+1705205641296748808 z^{37} \\
&+1705205641296748808 z^{36} \\
&+1615457953822437126 z^{35} \\
&+1449769956959911740 z^{34} \\
&+1232304480885072084 z^{33} \\
&+991854828179059482 z^{32} \\
&+755698905263776452 z^{31} \\
&+544806186024550164 z^{30} \\
&+371458769402377980 z^{29} \\
&+239384540745943876 z^{28} \\
&+145712326357765948 z^{27} \\
&+83707081380359388 z^{26} \\
&+45341336824693416 z^{25} \\
&+23133334600244700 z^{24} \\
&+11104000213215780 z^{23} \\
&+5007686777456688 z^{22} \\
&+2118636873834228 z^{21} \\
&+839459677057452 z^{20} + 310910919682440 z^{19} \\
&+107405673284620 z^{18} + 34523281756116 z^{17} \\
&+10296394920480 z^{16} + 2840375203572 z^{15} \\
&+722133100980 z^{14} + 168499890348 z^{13} \\
&+35909635860 z^{12} + 6949985148 z^{11} \\
&+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8 \\
&+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4
\end{aligned}$$

$$\left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\}$$

		$+219 z^3 + 1$	
$\{[73, 2, 64]\}$	$x^9 + x^4 + x^2 + x + 1$	$z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67}$ $+ 3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64}$ $+ 1213394028 z^{63} + 6949985148 z^{62}$ $+ 35909635860 z^{61} + 168499890348 z^{60}$ $+ 722133100980 z^{59} + 2840375203572 z^{58}$ $+ 10296394920480 z^{57} + 34523281756116 z^{56}$ $+ 107405673284620 z^{55} + 310910919682440 z^{54}$ $+ 839459677057452 z^{53}$ $+ 2118636873834228 z^{52}$ $+ 5007686777456688 z^{51}$ $+ 11104000213215780 z^{50}$ $+ 23133334600244700 z^{49}$ $+ 45341336824693416 z^{48}$ $+ 83707081380359388 z^{47}$ $+ 145712326357765948 z^{46}$ $+ 239384540745943876 z^{45}$ $+ 371458769402377980 z^{44}$ $+ 544806186024550164 z^{43}$ $+ 755698905263776452 z^{42}$ $+ 991854828179059482 z^{41}$ $+ 1232304480885072084 z^{40}$ $+ 1449769956959911740 z^{39}$ $+ 1615457953822437126 z^{38}$ $+ 1705205641296748808 z^{37}$ $+ 1705205641296748808 z^{36}$ $+ 1615457953822437126 z^{35}$ $+ 1449769956959911740 z^{34}$ $+ 1232304480885072084 z^{33}$ $+ 991854828179059482 z^{32}$ $+ 755698905263776452 z^{31}$	$\left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\}$

		$+544806186024550164 z^{30}$ $+371458769402377980 z^{29}$ $+239384540745943876 z^{28}$ $+145712326357765948 z^{27}$ $+83707081380359388 z^{26}$ $+45341336824693416 z^{25}$ $+23133334600244700 z^{24}$ $+11104000213215780 z^{23}$ $+5007686777456688 z^{22}$ $+2118636873834228 z^{21}$ $+839459677057452 z^{20} + 310910919682440 z^{19}$ $+107405673284620 z^{18} + 34523281756116 z^{17}$ $+10296394920480 z^{16} + 2840375203572 z^{15}$ $+722133100980 z^{14} + 168499890348 z^{13}$ $+35909635860 z^{12} + 6949985148 z^{11}$ $+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8$ $+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4$ $+219 z^3 + 1$	
		$z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67}$ $+ 3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64}$ $+ 1213394028 z^{63} + 6949985148 z^{62}$ $+ 35909635860 z^{61} + 168499890348 z^{60}$ $+ 722133100980 z^{59} + 2840375203572 z^{58}$ $+ 10296394920480 z^{57} + 34523281756116 z^{56}$ $+ 107405673284620 z^{55} + 310910919682440 z^{54}$ $+ 839459677057452 z^{53}$ $+ 2118636873834228 z^{52}$ $+ 5007686777456688 z^{51}$ $+ 11104000213215780 z^{50}$ $+ 23133334600244700 z^{49}$ $+ 45341336824693416 z^{48}$	

$$\{[73, 2, 64]\}$$

$$x^9 + x^6 + x^3 + x + 1$$

$$\begin{aligned}
&+83707081380359388 z^{47} \\
&+145712326357765948 z^{46} \\
&+239384540745943876 z^{45} \\
&+371458769402377980 z^{44} \\
&+544806186024550164 z^{43} \\
&+755698905263776452 z^{42} \\
&+991854828179059482 z^{41} \\
&+1232304480885072084 z^{40} \\
&+1449769956959911740 z^{39} \\
&+1615457953822437126 z^{38} \\
&+1705205641296748808 z^{37} \\
&+1705205641296748808 z^{36} \\
&+1615457953822437126 z^{35} \\
&+1449769956959911740 z^{34} \\
&+1232304480885072084 z^{33} \\
&+991854828179059482 z^{32} \\
&+755698905263776452 z^{31} \\
&+544806186024550164 z^{30} \\
&+371458769402377980 z^{29} \\
&+239384540745943876 z^{28} \\
&+145712326357765948 z^{27} \\
&+83707081380359388 z^{26} \\
&+45341336824693416 z^{25} \\
&+23133334600244700 z^{24} \\
&+11104000213215780 z^{23} \\
&+5007686777456688 z^{22} \\
&+2118636873834228 z^{21} \\
&+839459677057452 z^{20} + 310910919682440 z^{19} \\
&+107405673284620 z^{18} + 34523281756116 z^{17} \\
&+10296394920480 z^{16} + 2840375203572 z^{15} \\
&+722133100980 z^{14} + 168499890348 z^{13}
\end{aligned}$$

$$\left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\}$$

		$+35909635860 z^{12} + 6949985148 z^{11}$ $+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8$ $+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4$ $+219 z^3 + 1$	
$\{[73, 2, 64]\}$	$x^9 + x^6 + x^5 + x^2 + 1$	$z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67}$ $+3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64}$ $+1213394028 z^{63} + 6949985148 z^{62}$ $+35909635860 z^{61} + 168499890348 z^{60}$ $+722133100980 z^{59} + 2840375203572 z^{58}$ $+10296394920480 z^{57} + 34523281756116 z^{56}$ $+107405673284620 z^{55} + 310910919682440 z^{54}$ $+839459677057452 z^{53}$ $+2118636873834228 z^{52}$ $+5007686777456688 z^{51}$ $+11104000213215780 z^{50}$ $+23133334600244700 z^{49}$ $+45341336824693416 z^{48}$ $+83707081380359388 z^{47}$ $+145712326357765948 z^{46}$ $+239384540745943876 z^{45}$ $+371458769402377980 z^{44}$ $+544806186024550164 z^{43}$ $+755698905263776452 z^{42}$ $+991854828179059482 z^{41}$ $+1232304480885072084 z^{40}$ $+1449769956959911740 z^{39}$ $+1615457953822437126 z^{38}$ $+1705205641296748808 z^{37}$ $+1705205641296748808 z^{36}$ $+1615457953822437126 z^{35}$ $+1449769956959911740 z^{34}$	$\left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\}$

		$+1232304480885072084 z^{33}$ $+991854828179059482 z^{32}$ $+755698905263776452 z^{31}$ $+544806186024550164 z^{30}$ $+371458769402377980 z^{29}$ $+239384540745943876 z^{28}$ $+145712326357765948 z^{27}$ $+83707081380359388 z^{26}$ $+45341336824693416 z^{25}$ $+23133334600244700 z^{24}$ $+11104000213215780 z^{23}$ $+5007686777456688 z^{22}$ $+2118636873834228 z^{21}$ $+839459677057452 z^{20} + 310910919682440 z^{19}$ $+107405673284620 z^{18} + 34523281756116 z^{17}$ $+10296394920480 z^{16} + 2840375203572 z^{15}$ $+722133100980 z^{14} + 168499890348 z^{13}$ $+35909635860 z^{12} + 6949985148 z^{11}$ $+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8$ $+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4$ $+219 z^3 + 1$	
		$z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67}$ $+ 3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64}$ $+ 1213394028 z^{63} + 6949985148 z^{62}$ $+ 35909635860 z^{61} + 168499890348 z^{60}$ $+ 722133100980 z^{59} + 2840375203572 z^{58}$ $+ 10296394920480 z^{57} + 34523281756116 z^{56}$ $+ 107405673284620 z^{55} + 310910919682440 z^{54}$ $+ 839459677057452 z^{53}$ $+ 2118636873834228 z^{52}$ $+ 5007686777456688 z^{51}$	

$$\{[73, 2, 64]\}$$

$$x^9 + x^7 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+11104000213215780 z^{50} \\
&+23133334600244700 z^{49} \\
&+45341336824693416 z^{48} \\
&+83707081380359388 z^{47} \\
&+145712326357765948 z^{46} \\
&+239384540745943876 z^{45} \\
&+371458769402377980 z^{44} \\
&+544806186024550164 z^{43} \\
&+755698905263776452 z^{42} \\
&+991854828179059482 z^{41} \\
&+1232304480885072084 z^{40} \\
&+1449769956959911740 z^{39} \\
&+1615457953822437126 z^{38} \\
&+1705205641296748808 z^{37} \\
&+1705205641296748808 z^{36} \\
&+1615457953822437126 z^{35} \\
&+1449769956959911740 z^{34} \\
&+1232304480885072084 z^{33} \\
&+991854828179059482 z^{32} \\
&+755698905263776452 z^{31} \\
&+544806186024550164 z^{30} \\
&+371458769402377980 z^{29} \\
&+239384540745943876 z^{28} \\
&+145712326357765948 z^{27} \\
&+83707081380359388 z^{26} \\
&+45341336824693416 z^{25} \\
&+23133334600244700 z^{24} \\
&+11104000213215780 z^{23} \\
&+5007686777456688 z^{22} \\
&+2118636873834228 z^{21} \\
&+839459677057452 z^{20} + 310910919682440 z^{19}
\end{aligned}$$

$$\left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\}$$

		$+107405673284620 z^{18} + 34523281756116 z^{17}$ $+10296394920480 z^{16} + 2840375203572 z^{15}$ $+722133100980 z^{14} + 168499890348 z^{13}$ $+35909635860 z^{12} + 6949985148 z^{11}$ $+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8$ $+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4$ $+219 z^3 + 1$	
$\{[73, 2, 64]\}$	$x^9 + x^8 + x^7 + x^5 + 1$	$z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67}$ $+3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64}$ $+1213394028 z^{63} + 6949985148 z^{62}$ $+35909635860 z^{61} + 168499890348 z^{60}$ $+722133100980 z^{59} + 2840375203572 z^{58}$ $+10296394920480 z^{57} + 34523281756116 z^{56}$ $+107405673284620 z^{55} + 310910919682440 z^{54}$ $+839459677057452 z^{53}$ $+2118636873834228 z^{52}$ $+5007686777456688 z^{51}$ $+11104000213215780 z^{50}$ $+23133334600244700 z^{49}$ $+45341336824693416 z^{48}$ $+83707081380359388 z^{47}$ $+145712326357765948 z^{46}$ $+239384540745943876 z^{45}$ $+371458769402377980 z^{44}$ $+544806186024550164 z^{43}$ $+755698905263776452 z^{42}$ $+991854828179059482 z^{41}$ $+1232304480885072084 z^{40}$ $+1449769956959911740 z^{39}$ $+1615457953822437126 z^{38}$ $+1705205641296748808 z^{37}$	

$$\left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\}$$

$$\begin{aligned}
&+1705205641296748808 z^{36} \\
&+1615457953822437126 z^{35} \\
&+1449769956959911740 z^{34} \\
&+1232304480885072084 z^{33} \\
&+991854828179059482 z^{32} \\
&+755698905263776452 z^{31} \\
&+544806186024550164 z^{30} \\
&+371458769402377980 z^{29} \\
&+239384540745943876 z^{28} \\
&+145712326357765948 z^{27} \\
&+83707081380359388 z^{26} \\
&+45341336824693416 z^{25} \\
&+23133334600244700 z^{24} \\
&+11104000213215780 z^{23} \\
&+5007686777456688 z^{22} \\
&+2118636873834228 z^{21} \\
&+839459677057452 z^{20} + 310910919682440 z^{19} \\
&+107405673284620 z^{18} + 34523281756116 z^{17} \\
&+10296394920480 z^{16} + 2840375203572 z^{15} \\
&+722133100980 z^{14} + 168499890348 z^{13} \\
&+35909635860 z^{12} + 6949985148 z^{11} \\
&+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8 \\
&+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4 \\
&+219 z^3 + 1
\end{aligned}$$

$$\begin{aligned}
&z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67} \\
&+ 3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64} \\
&+ 1213394028 z^{63} + 6949985148 z^{62} \\
&+ 35909635860 z^{61} + 168499890348 z^{60} \\
&+ 722133100980 z^{59} + 2840375203572 z^{58} \\
&+ 10296394920480 z^{57} + 34523281756116 z^{56}
\end{aligned}$$

$$\{[73, 2, 64]\}$$

$$x^9 + x^8 + x^6 + x^3 + 1$$

$$\begin{aligned}
&+107405673284620 z^{55} + 310910919682440 z^{54} \\
&+839459677057452 z^{53} \\
&+2118636873834228 z^{52} \\
&+5007686777456688 z^{51} \\
&+11104000213215780 z^{50} \\
&+23133334600244700 z^{49} \\
&+45341336824693416 z^{48} \\
&+83707081380359388 z^{47} \\
&+145712326357765948 z^{46} \\
&+239384540745943876 z^{45} \\
&+371458769402377980 z^{44} \\
&+544806186024550164 z^{43} \\
&+755698905263776452 z^{42} \\
&+991854828179059482 z^{41} \\
&+1232304480885072084 z^{40} \\
&+1449769956959911740 z^{39} \\
&+1615457953822437126 z^{38} \\
&+1705205641296748808 z^{37} \\
&+1705205641296748808 z^{36} \\
&+1615457953822437126 z^{35} \\
&+1449769956959911740 z^{34} \\
&+1232304480885072084 z^{33} \\
&+991854828179059482 z^{32} \\
&+755698905263776452 z^{31} \\
&+544806186024550164 z^{30} \\
&+371458769402377980 z^{29} \\
&+239384540745943876 z^{28} \\
&+145712326357765948 z^{27} \\
&+83707081380359388 z^{26} \\
&+45341336824693416 z^{25} \\
&+23133334600244700 z^{24}
\end{aligned}$$

$$\left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\}$$

		$+11104000213215780 z^{23}$ $+5007686777456688 z^{22}$ $+2118636873834228 z^{21}$ $+839459677057452 z^{20} + 310910919682440 z^{19}$ $+107405673284620 z^{18} + 34523281756116 z^{17}$ $+10296394920480 z^{16} + 2840375203572 z^{15}$ $+722133100980 z^{14} + 168499890348 z^{13}$ $+35909635860 z^{12} + 6949985148 z^{11}$ $+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8$ $+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4$ $+219 z^3 + 1$	
		$z^{73} + 219 z^{70} + 2190 z^{69} + 27594 z^{68} + 330471 z^{67}$ $+3194772 z^{66} + 26277372 z^{65} + 189584285 z^{64}$ $+1213394028 z^{63} + 6949985148 z^{62}$ $+35909635860 z^{61} + 168499890348 z^{60}$ $+722133100980 z^{59} + 2840375203572 z^{58}$ $+10296394920480 z^{57} + 34523281756116 z^{56}$ $+107405673284620 z^{55} + 310910919682440 z^{54}$ $+839459677057452 z^{53}$ $+2118636873834228 z^{52}$ $+5007686777456688 z^{51}$ $+11104000213215780 z^{50}$ $+23133334600244700 z^{49}$ $+45341336824693416 z^{48}$ $+83707081380359388 z^{47}$ $+145712326357765948 z^{46}$ $+239384540745943876 z^{45}$ $+371458769402377980 z^{44}$ $+544806186024550164 z^{43}$ $+755698905263776452 z^{42}$ $+991854828179059482 z^{41}$	

{[73, 2, 64]}	$x^9 + x^8 + 1$	$ \begin{aligned} &+1232304480885072084 z^{40} \\ &+1449769956959911740 z^{39} \\ &+1615457953822437126 z^{38} \\ &+1705205641296748808 z^{37} \\ &+1705205641296748808 z^{36} \\ &+1615457953822437126 z^{35} \\ &+1449769956959911740 z^{34} \\ &+1232304480885072084 z^{33} \\ &+991854828179059482 z^{32} \\ &+755698905263776452 z^{31} \\ &+544806186024550164 z^{30} \\ &+371458769402377980 z^{29} \\ &+239384540745943876 z^{28} \\ &+145712326357765948 z^{27} \\ &+83707081380359388 z^{26} \\ &+45341336824693416 z^{25} \\ &+23133334600244700 z^{24} \\ &+11104000213215780 z^{23} \\ &+5007686777456688 z^{22} \\ &+2118636873834228 z^{21} \\ &+839459677057452 z^{20} + 310910919682440 z^{19} \\ &+107405673284620 z^{18} + 34523281756116 z^{17} \\ &+10296394920480 z^{16} + 2840375203572 z^{15} \\ &+722133100980 z^{14} + 168499890348 z^{13} \\ &+35909635860 z^{12} + 6949985148 z^{11} \\ &+1213394028 z^{10} + 189584285 z^9 + 26277372 z^8 \\ &+3194772 z^7 + 330471 z^6 + 27594 z^5 + 2190 z^4 \\ &+219 z^3 + 1 \end{aligned} $	$ \left\{ \left[\frac{73}{2}, \frac{\sqrt{73}}{2} \right] \right\} $
		$ \begin{aligned} &56250 z^{70} + 7359375 z^{68} + 483243750 z^{66} \\ &+ 19109090625 z^{64} + 494665560000 z^{62} \\ &+ 8906842985000 z^{60} + 115911513612000 z^{58} \end{aligned} $	

{[75, 2, 66]}	$x^9 + x^6 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+1120485934023000 z^{56} \\ &+8216946000012200 z^{54} \\ &+46476045132420900 z^{52} \\ &+205423943709243768 z^{50} \\ &+716935612102870300 z^{48} \\ &+1991880579498218400 z^{46} \\ &+4433540057474117400 z^{44} \\ &+7943425617206460800 z^{42} \\ &+11494605119106785640 z^{40} \\ &+13462150056881342700 z^{38} \\ &+12771782448829541850 z^{36} \\ &+9812467442422010100 z^{34} \\ &+6096118151227042950 z^{32} \\ &+3054216312747841280 z^{30} \\ &+1229032395853387800 z^{28} \\ &+395046321566258400 z^{26} \\ &+100698043659345000 z^{24} \\ &+20168810071005000 z^{22} \\ &+3137378975662500 z^{20} \\ &+373500444575000 z^{18} + 33398229337500 z^{16} \\ &+2189777700000 z^{14} + 102046985000 z^{12} \\ &+3251160000 z^{10} + 68007000 z^8 + 934250 z^6 \\ &+10575 z^4 + 150 z^2 + 1 \end{aligned} $	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$
		$ \begin{aligned} &625 z^{72} + 88125 z^{70} + 7995375 z^{68} + 489107750 z^{66} \\ &+ 19127022825 z^{64} + 494583245400 z^{62} \\ &+ 8906295851880 z^{60} + 115912256721600 z^{58} \\ &+ 1120492489011300 z^{56} \\ &+ 8216935788486700 z^{54} \\ &+ 46476010566840900 z^{52} \\ &+ 205424025322603128 z^{50} \\ &+ 716935670746217300 z^{48} \end{aligned} $	

$\{[75, 2, 66]\}$	$x^9 + x^7 + x^6 + x^3 + x^2 + 1$	$+1991880278735255400 z^{46}$ $+4433540176937563800 z^{44}$ $+7943426095811517600 z^{42}$ $+11494604576529540030 z^{40}$ $+13462149849146655150 z^{38}$ $+12771783082737571450 z^{36}$ $+9812467299270184500 z^{34}$ $+6096117802425510750 z^{32}$ $+3054216508654519400 z^{30}$ $+1229032494390279000 z^{28}$ $+395046226273632000 z^{26}$ $+100698031734412500 z^{24}$ $+20168835629587500 z^{22}$ $+3137378591962500 z^{20}$ $+373496359375000 z^{18} + 33398431462500 z^{16}$ $+2190157575000 z^{14} + 102046985000 z^{12}$ $+3234660000 z^{10} + 65897625 z^8 + 856125 z^6$ $+10575 z^4 + 150 z^2 + 1$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$
$\{[75, 2, 66]\}$	$x^9 + x^8 + x^5 + x^4 + x^3 + 1$	$56250 z^{70} + 7359375 z^{68} + 483243750 z^{66}$ $+19109090625 z^{64} + 494665560000 z^{62}$ $+8906842985000 z^{60} + 115911513612000 z^{58}$ $+1120485934023000 z^{56}$ $+8216946000012200 z^{54}$ $+46476045132420900 z^{52}$ $+205423943709243768 z^{50}$ $+716935612102870300 z^{48}$ $+1991880579498218400 z^{46}$ $+4433540057474117400 z^{44}$ $+7943425617206460800 z^{42}$ $+11494605119106785640 z^{40}$ $+13462150056881342700 z^{38}$	

		$+12771782448829541850 z^{36}$ $+9812467442422010100 z^{34}$ $+6096118151227042950 z^{32}$ $+3054216312747841280 z^{30}$ $+1229032395853387800 z^{28}$ $+395046321566258400 z^{26}$ $+100698043659345000 z^{24}$ $+20168810071005000 z^{22}$ $+3137378975662500 z^{20}$ $+373500444575000 z^{18} + 33398229337500 z^{16}$ $+2189777700000 z^{14} + 102046985000 z^{12}$ $+3251160000 z^{10} + 68007000 z^8 + 934250 z^6$ $+10575 z^4 + 150 z^2 + 1$	$\left\{ \left[\frac{75}{2}, \frac{5\sqrt{3}}{2} \right] \right\}$
$\{[80, 2, 71]\}$	$x^9 + x^5 + x^4 + 1$	$z^{80} + 40 z^{78} + 11500 z^{76} + 1378840 z^{74}$ $+ 117530430 z^{72} + 6466999768 z^{70}$ $+ 235401615500 z^{68} + 5890518058600 z^{66}$ $+ 105303220428525 z^{64}$ $+ 1387563268551840 z^{62}$ $+ 13809855989075824 z^{60}$ $+ 105815493041398880 z^{58}$ $+ 633743123812183400 z^{56}$ $+ 3002968513944122080 z^{54}$ $+ 11368379159602543920 z^{52}$ $+ 34653953398018667040 z^{50}$ $+ 85586886357136064530 z^{48}$ $+ 172089141674544700080 z^{46}$ $+ 282717866244555615720 z^{44}$ $+ 380442537544023867600 z^{42}$ $+ 419950040707496978612 z^{40}$ $+ 380442537544023867600 z^{38}$	$\{[40, 2\sqrt{5}]\}$

		$ \begin{aligned} &+282717866244555615720 z^{36} \\ &+172089141674544700080 z^{34} \\ &+85586886357136064530 z^{32} \\ &+34653953398018667040 z^{30} \\ &+11368379159602543920 z^{28} \\ &+3002968513944122080 z^{26} \\ &+633743123812183400 z^{24} \\ &+105815493041398880 z^{22} \\ &+13809855989075824 z^{20} \\ &+1387563268551840 z^{18} \\ &+105303220428525 z^{16} + 5890518058600 z^{14} \\ &+235401615500 z^{12} + 6466999768 z^{10} \\ &+117530430 z^8 + 1378840 z^6 + 11500 z^4 + 40 z^2 \\ &+ 1 \end{aligned} $	
$\{[80, 2, 71]\}$	$ \begin{aligned} &x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x \\ &+ 1 \end{aligned} $	$ \begin{aligned} &z^{80} + 280 z^{78} + 35980 z^{76} + 2810920 z^{74} \\ &+ 149125630 z^{72} + 6759005800 z^{70} \\ &+ 236009275180 z^{68} + 5884633729240 z^{66} \\ &+ 105282730406125 z^{64} \\ &+ 1387634336472160 z^{62} \\ &+ 13810068930876400 z^{60} \\ &+ 105814837138084000 z^{58} \\ &+ 633742134886509160 z^{56} \\ &+ 3002972590537860640 z^{54} \\ &+ 11368379949388630960 z^{52} \\ &+ 34653939516966286048 z^{50} \\ &+ 85586894961998167570 z^{48} \\ &+ 172089165497289088720 z^{46} \\ &+ 282717833860555297960 z^{44} \\ &+ 380442524116164406960 z^{42} \\ &+ 419950088277870467380 z^{40} \\ &+ 380442524116164406960 z^{38} \end{aligned} $	$\{[40, 2\sqrt{5}]\}$

		$+282717833860555297960 z^{36}$ $+172089165497289088720 z^{34}$ $+85586894961998167570 z^{32}$ $+34653939516966286048 z^{30}$ $+11368379949388630960 z^{28}$ $+3002972590537860640 z^{26}$ $+633742134886509160 z^{24}$ $+105814837138084000 z^{22}$ $+13810068930876400 z^{20}$ $+1387634336472160 z^{18}$ $+105282730406125 z^{16} + 5884633729240 z^{14}$ $+236009275180 z^{12} + 6759005800 z^{10}$ $+149125630 z^8 + 2810920 z^6 + 35980 z^4 + 280 z^2$ $+1$	
$\{[80, 2, 71]\}$	$x^9 + x^8 + x + 1$	$z^{80} + 160 z^{78} + 29580 z^{76} + 2812000 z^{74}$ $+ 180170750 z^{72} + 8049244000 z^{70}$ $+ 258846854700 z^{68} + 6092956432800 z^{66}$ $+ 106262873653485 z^{64}$ $+ 1389324957512320 z^{62}$ $+ 13805695618924528 z^{60}$ $+ 105791074702258560 z^{58}$ $+ 633726642933797480 z^{56}$ $+ 3003071546493692800 z^{54}$ $+ 11368544498527201200 z^{52}$ $+ 34653729133729360000 z^{50}$ $+ 85586325323473055250 z^{48}$ $+ 172089409545633336000 z^{46}$ $+ 282718954675447813800 z^{44}$ $+ 380442413494742049600 z^{42}$ $+ 419948694276486208820 z^{40}$ $+ 380442413494742049600 z^{38}$	$\{[40, 2\sqrt{5}]\}$

		$+282718954675447813800 z^{36}$ $+172089409545633336000 z^{34}$ $+85586325323473055250 z^{32}$ $+34653729133729360000 z^{30}$ $+11368544498527201200 z^{28}$ $+3003071546493692800 z^{26}$ $+633726642933797480 z^{24}$ $+105791074702258560 z^{22}$ $+13805695618924528 z^{20}$ $+1389324957512320 z^{18}$ $+106262873653485 z^{16} + 6092956432800 z^{14}$ $+258846854700 z^{12} + 8049244000 z^{10}$ $+180170750 z^8 + 2812000 z^6 + 29580 z^4 + 160 z^2$ $+1$	
$\{[81, 2, 72]\}$	$x^9 + 1$	$387420489 z^{72} + 32543321076 z^{70}$ $+1263765635118 z^{68} + 30117724441092 z^{66}$ $+493265531510361 z^{64}$ $+5894056678130208 z^{62}$ $+53270150433050448 z^{60}$ $+372824769728621088 z^{58}$ $+2053651474378723284 z^{56}$ $+9008602520692466160 z^{54}$ $+31751475515942111496 z^{52}$ $+90546877191144404016 z^{50}$ $+210080450246747322564 z^{48}$ $+398266730805335964768 z^{46}$ $+618918559217950502448 z^{44}$ $+790143411843293415264 z^{42}$ $+829659982004433568926 z^{40}$ $+716654645625369508344 z^{38}$ $+508892319901028495124 z^{36}$	$\left\{ \left[\frac{81}{2}, \frac{9}{2} \right] \right\}$

		$+296574596643765326040 z^{34}$ $+141478949358104558382 z^{32}$ $+55040219739747143136 z^{30}$ $+17375297251088170800 z^{28}$ $+4422394789244718048 z^{26}$ $+900298920439024740 z^{24}$ $+145206419176597104 z^{22}$ $+18357264706087944 z^{20}$ $+1799094459027888 z^{18}$ $+135299921414580 z^{16} + 7740801710496 z^{14}$ $+334071129168 z^{12} + 10753826976 z^{10}$ $+253571553 z^8 + 4246452 z^6 + 47790 z^4 + 324 z^2$ $+1$	
		$z^{84} + 126 z^{82} + 1344 z^{81} + 12957 z^{80} + 149184 z^{79}$ $+ 1461768 z^{78} + 12732480 z^{77} + 103974906 z^{76}$ $+ 794799040 z^{75} + 5641508292 z^{74}$ $+ 36937091520 z^{73} + 222028729370 z^{72}$ $+ 1223933282880 z^{71} + 6197873767368 z^{70}$ $+ 28916585401536 z^{69} + 124718008930473 z^{68}$ $+ 498944294264640 z^{67}$ $+ 1857340015904422 z^{66}$ $+ 6452016697883904 z^{65}$ $+ 20969097414036765 z^{64}$ $+ 63905326026027776 z^{63}$ $+ 183000316457054880 z^{62}$ $+ 493303502524971264 z^{61}$ $+ 1253812484962231320 z^{60}$ $+ 3009152705682724608 z^{59}$ $+ 6828468903354080304 z^{58}$ $+ 14668570766378584832 z^{57}$ $+ 29861019908257846488 z^{56}$	

$\{[84, 2, 75]\}$ $x^9 + x^3 + 1$
$$\begin{aligned} &+57662645714320803072 z^{55} \\ &+105714825592922531104 z^{54} \\ &+184148386197225821952 z^{53} \\ &+304995772268711190786 z^{52} \\ &+480599441858063243520 z^{51} \\ &+720899219039873526492 z^{50} \\ &+1029856050919244940672 z^{49} \\ &+1401748472739797826714 z^{48} \\ &+1818484416624185385600 z^{47} \\ &+2249178020721740670576 z^{46} \\ &+2652876642790413234048 z^{45} \\ &+2984486310330848806140 z^{44} \\ &+3202863468195969083520 z^{43} \\ &+3279122171702552672280 z^{42} \\ &+3202863468195969083520 z^{41} \\ &+2984486310330848806140 z^{40} \\ &+2652876642790413234048 z^{39} \\ &+2249178020721740670576 z^{38} \\ &+1818484416624185385600 z^{37} \\ &+1401748472739797826714 z^{36} \\ &+1029856050919244940672 z^{35} \\ &+720899219039873526492 z^{34} \\ &+480599441858063243520 z^{33} \\ &+304995772268711190786 z^{32} \\ &+184148386197225821952 z^{31} \\ &+105714825592922531104 z^{30} \\ &+57662645714320803072 z^{29} \\ &+29861019908257846488 z^{28} \\ &+14668570766378584832 z^{27} \\ &+6828468903354080304 z^{26} \\ &+3009152705682724608 z^{25} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+1253812484962231320 z^{24}$ $+493303502524971264 z^{23}$ $+183000316457054880 z^{22}$ $+63905326026027776 z^{21}$ $+20969097414036765 z^{20}$ $+6452016697883904 z^{19}$ $+1857340015904422 z^{18}$ $+498944294264640 z^{17} + 124718008930473 z^{16}$ $+28916585401536 z^{15} + 6197873767368 z^{14}$ $+1223933282880 z^{13} + 222028729370 z^{12}$ $+36937091520 z^{11} + 5641508292 z^{10}$ $+794799040 z^9 + 103974906 z^8 + 12732480 z^7$ $+1461768 z^6 + 149184 z^5 + 12957 z^4 + 1344 z^3$ $+126 z^2 + 1$	
$\{[84, 2, 75]\}$	$x^9 + x^4 + x + 1$	$6321 z^{80} + 1537200 z^{78} + 169828764 z^{76}$ $+10785995808 z^{74} + 441400770958 z^{72}$ $+12397364439600 z^{70} + 249497291546076 z^{68}$ $+3714744203414272 z^{66}$ $+41937499075311021 z^{64}$ $+365999944957843392 z^{62}$ $+2507630187215943216 z^{60}$ $+13656939798646983552 z^{58}$ $+59722014042041138088 z^{56}$ $+211429659437802995392 z^{54}$ $+609991619013087971184 z^{52}$ $+1441798369757308120320 z^{50}$ $+2803496832024487318706 z^{48}$ $+4498356226701262125984 z^{46}$ $+5968972682036187126408 z^{44}$ $+6558244086700309291200 z^{42}$ $+5968972685358665320212 z^{40}$	$\{[42, \sqrt{21}]\}$

		$ \begin{aligned} &+4498356223770311987616 z^{38} \\ &+2803496832052674790984 z^{36} \\ &+1441798371452127128832 z^{34} \\ &+609991617875218785234 z^{32} \\ &+211429659443898383040 z^{30} \\ &+59722014398144581872 z^{28} \\ &+13656939642720963456 z^{26} \\ &+2507630169615470760 z^{24} \\ &+365999977134386112 z^{22} \\ &+41937493345025712 z^{20} \\ &+3714741792787200 z^{18} \\ &+249498185099037 z^{16} + 12397410925872 z^{14} \\ &+441359805628 z^{12} + 10784103456 z^{10} \\ &+170818830 z^8 + 1628592 z^6 + 9660 z^4 + 1 \end{aligned} $	
$\{[84, 2, 75]\}$	$x^9 + x^6 + x^3 + 1$	$ \begin{aligned} &z^{84} + 252 z^{82} + 36729 z^{80} + 3488688 z^{78} \\ &+ 240178302 z^{76} + 12092548104 z^{74} \\ &+ 453869261118 z^{72} + 12449498436144 z^{70} \\ &+ 249469655224293 z^{68} \\ &+ 3713835730456908 z^{66} \\ &+ 41936227823414925 z^{64} \\ &+ 366007036391994816 z^{62} \\ &+ 2507643536035758120 z^{60} \\ &+ 13656902263526585952 z^{58} \\ &+ 59721949644726202536 z^{56} \\ &+ 211429808032804740288 z^{54} \\ &+ 609991791463141594290 z^{52} \\ &+ 1441797947380278194616 z^{50} \\ &+ 2803496586859689285474 z^{48} \\ &+ 4498357031818094469024 z^{46} \\ &+ 5968972808221548425076 z^{44} \\ &+ 6558243085546861118256 z^{42} \end{aligned} $	$\{[42, \sqrt{21}]\}$

		$ \begin{aligned} &+5968972808221548425076 z^{40} \\ &+4498357031818094469024 z^{38} \\ &+2803496586859689285474 z^{36} \\ &+1441797947380278194616 z^{34} \\ &+609991791463141594290 z^{32} \\ &+211429808032804740288 z^{30} \\ &+59721949644726202536 z^{28} \\ &+13656902263526585952 z^{26} \\ &+2507643536035758120 z^{24} \\ &+366007036391994816 z^{22} \\ &+41936227823414925 z^{20} \\ &+3713835730456908 z^{18} \\ &+249469655224293 z^{16} + 12449498436144 z^{14} \\ &+453869261118 z^{12} + 12092548104 z^{10} \\ &+240178302 z^8 + 3488688 z^6 + 36729 z^4 + 252 z^2 \\ &+ 1 \end{aligned} $	
		$ \begin{aligned} &z^{84} + 126 z^{82} + 1344 z^{81} + 12957 z^{80} + 149184 z^{79} \\ &+ 1461768 z^{78} + 12732480 z^{77} + 103974906 z^{76} \\ &+ 794799040 z^{75} + 5641508292 z^{74} \\ &+ 36937091520 z^{73} + 222028729370 z^{72} \\ &+ 1223933282880 z^{71} + 6197873767368 z^{70} \\ &+ 28916585401536 z^{69} + 124718008930473 z^{68} \\ &+ 498944294264640 z^{67} \\ &+ 1857340015904422 z^{66} \\ &+ 6452016697883904 z^{65} \\ &+ 20969097414036765 z^{64} \\ &+ 63905326026027776 z^{63} \\ &+ 183000316457054880 z^{62} \\ &+ 493303502524971264 z^{61} \\ &+ 1253812484962231320 z^{60} \\ &+ 3009152705682724608 z^{59} \end{aligned} $	

$\{[84, 2, 75]\}$ $x^9 + x^6 + 1$
$$\begin{aligned} &+6828468903354080304 z^{58} \\ &+14668570766378584832 z^{57} \\ &+29861019908257846488 z^{56} \\ &+57662645714320803072 z^{55} \\ &+105714825592922531104 z^{54} \\ &+184148386197225821952 z^{53} \\ &+304995772268711190786 z^{52} \\ &+480599441858063243520 z^{51} \\ &+720899219039873526492 z^{50} \\ &+1029856050919244940672 z^{49} \\ &+1401748472739797826714 z^{48} \\ &+1818484416624185385600 z^{47} \\ &+2249178020721740670576 z^{46} \\ &+2652876642790413234048 z^{45} \\ &+2984486310330848806140 z^{44} \\ &+3202863468195969083520 z^{43} \\ &+3279122171702552672280 z^{42} \\ &+3202863468195969083520 z^{41} \\ &+2984486310330848806140 z^{40} \\ &+2652876642790413234048 z^{39} \\ &+2249178020721740670576 z^{38} \\ &+1818484416624185385600 z^{37} \\ &+1401748472739797826714 z^{36} \\ &+1029856050919244940672 z^{35} \\ &+720899219039873526492 z^{34} \\ &+480599441858063243520 z^{33} \\ &+304995772268711190786 z^{32} \\ &+184148386197225821952 z^{31} \\ &+105714825592922531104 z^{30} \\ &+57662645714320803072 z^{29} \\ &+29861019908257846488 z^{28} \end{aligned}$$
 $\{[42, \sqrt{21}]\}$

		$+14668570766378584832 z^{27}$ $+6828468903354080304 z^{26}$ $+3009152705682724608 z^{25}$ $+1253812484962231320 z^{24}$ $+493303502524971264 z^{23}$ $+183000316457054880 z^{22}$ $+63905326026027776 z^{21}$ $+20969097414036765 z^{20}$ $+6452016697883904 z^{19}$ $+1857340015904422 z^{18}$ $+498944294264640 z^{17} + 124718008930473 z^{16}$ $+28916585401536 z^{15} + 6197873767368 z^{14}$ $+1223933282880 z^{13} + 222028729370 z^{12}$ $+36937091520 z^{11} + 5641508292 z^{10}$ $+794799040 z^9 + 103974906 z^8 + 12732480 z^7$ $+1461768 z^6 + 149184 z^5 + 12957 z^4 + 1344 z^3$ $+126 z^2 + 1$	
		$z^{84} + 42 z^{82} + 9933 z^{80} + 1628984 z^{78} + 170172618 z^{76}$ $+ 10782914604 z^{74} + 441387041130 z^{72}$ $+ 12397446111096 z^{70} + 249497372330073 z^{68}$ $+ 3714743327421154 z^{66}$ $+ 41937499347247581 z^{64}$ $+ 365999949521896032 z^{62}$ $+ 2507630184958094168 z^{60}$ $+ 13656939777780863760 z^{58}$ $+ 59722014034246874904 z^{56}$ $+ 211429659680477015008 z^{54}$ $+ 609991618436482685634 z^{52}$ $+ 1441798370179392283380 z^{50}$ $+ 2803496832521935286842 z^{48}$ $+ 4498356225583530104592 z^{46}$	

$\{[84, 2, 75]\}$	$x^9 + x^6 + x^5 + x^3 + x^2 + 1$	$ \begin{aligned} &+5968972682023879056732 z^{44} \\ &+6558244089033083633032 z^{42} \\ &+5968972682023879056732 z^{40} \\ &+4498356225583530104592 z^{38} \\ &+2803496832521935286842 z^{36} \\ &+1441798370179392283380 z^{34} \\ &+609991618436482685634 z^{32} \\ &+211429659680477015008 z^{30} \\ &+59722014034246874904 z^{28} \\ &+13656939777780863760 z^{26} \\ &+2507630184958094168 z^{24} \\ &+365999949521896032 z^{22} \\ &+41937499347247581 z^{20} \\ &+3714743327421154 z^{18} \\ &+249497372330073 z^{16} + 12397446111096 z^{14} \\ &+441387041130 z^{12} + 10782914604 z^{10} \\ &+170172618 z^8 + 1628984 z^6 + 9933 z^4 + 42 z^2 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 210 z^{82} + 20685 z^{80} + 1596056 z^{78} + 4478976 z^{77} \\ &+ 111864522 z^{76} + 574801920 z^{75} \\ &+ 6035524572 z^{74} + 33683392512 z^{73} \\ &+ 229654739818 z^{72} + 1195677407232 z^{71} \\ &+ 6267171417048 z^{70} + 28780323618816 z^{69} \\ &+ 124999607116377 z^{68} + 498700650921984 z^{67} \\ &+ 1857400363370090 z^{66} \\ &+ 6452874029285376 z^{65} \\ &+ 20965823519631837 z^{64} \\ &+ 63910218664067072 z^{63} \\ &+ 182993572416089568 z^{62} \\ &+ 493305872363200512 z^{61} \\ &+ 1253827571491582808 z^{60} \\ &+ 3009122549959680000 z^{59} \end{aligned} $	

$\{[84, 2, 75]\}$

$x^9 + x^6 + x^5 + x^4 + x^3 + x + 1$

$+6828519150189015888 z^{58}$
 $+14668529421424320512 z^{57}$
 $+29860980653983276824 z^{56}$
 $+57662757211681628160 z^{55}$
 $+105714632762113205600 z^{54}$
 $+184148578107489042432 z^{53}$
 $+304995834710929228482 z^{52}$
 $+480599146779765522432 z^{51}$
 $+720899690764234516164 z^{50}$
 $+1029855558535228440576 z^{49}$
 $+1401748414497648131642 z^{48}$
 $+1818484998075672084480 z^{47}$
 $+2249177225473706255952 z^{46}$
 $+2652877429160089686016 z^{45}$
 $+2984486333283187992924 z^{44}$
 $+3202862648222008848384 z^{43}$
 $+3279123117145851700648 z^{42}$
 $+3202862648222008848384 z^{41}$
 $+2984486333283187992924 z^{40}$
 $+2652877429160089686016 z^{39}$
 $+2249177225473706255952 z^{38}$
 $+1818484998075672084480 z^{37}$
 $+1401748414497648131642 z^{36}$
 $+1029855558535228440576 z^{35}$
 $+720899690764234516164 z^{34}$
 $+480599146779765522432 z^{33}$
 $+304995834710929228482 z^{32}$
 $+184148578107489042432 z^{31}$
 $+105714632762113205600 z^{30}$
 $+57662757211681628160 z^{29}$
 $+29860980653983276824 z^{28}$

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

		$+14668529421424320512 z^{27}$ $+6828519150189015888 z^{26}$ $+3009122549959680000 z^{25}$ $+1253827571491582808 z^{24}$ $+493305872363200512 z^{23}$ $+182993572416089568 z^{22}$ $+63910218664067072 z^{21}$ $+20965823519631837 z^{20}$ $+6452874029285376 z^{19}$ $+1857400363370090 z^{18}$ $+498700650921984 z^{17} + 124999607116377 z^{16}$ $+28780323618816 z^{15} + 6267171417048 z^{14}$ $+1195677407232 z^{13} + 229654739818 z^{12}$ $+33683392512 z^{11} + 6035524572 z^{10}$ $+574801920 z^9 + 111864522 z^8 + 4478976 z^7$ $+1596056 z^6 + 20685 z^4 + 210 z^2 + 1$	
		$z^{84} + 84 z^{82} + 24381 z^{80} + 2851632 z^{78}$ $+ 224641242 z^{76} + 12090282456 z^{74}$ $+ 459243498490 z^{72} + 12533930487216 z^{70}$ $+ 250001916586569 z^{68}$ $+ 3714798958938564 z^{66}$ $+ 41931618759816093 z^{64}$ $+ 365987248013532096 z^{62}$ $+ 2507655055989926808 z^{60}$ $+ 13657037941295656992 z^{58}$ $+ 59721962551299352152 z^{56}$ $+ 211429264141511441088 z^{54}$ $+ 609991668449867773314 z^{52}$ $+ 1441799386695840809448 z^{50}$ $+ 2803496822460646185818 z^{48}$ $+ 4498354451743222888608 z^{46}$	

$\{[84, 2, 75]\}$	$x^9 + x^7 + x^2 + 1$	$ \begin{aligned} &+5968972675691098436412 z^{44} \\ &+6558246220149335450640 z^{42} \\ &+5968972675691098436412 z^{40} \\ &+4498354451743222888608 z^{38} \\ &+2803496822460646185818 z^{36} \\ &+1441799386695840809448 z^{34} \\ &+609991668449867773314 z^{32} \\ &+211429264141511441088 z^{30} \\ &+59721962551299352152 z^{28} \\ &+13657037941295656992 z^{26} \\ &+2507655055989926808 z^{24} \\ &+365987248013532096 z^{22} \\ &+41931618759816093 z^{20} \\ &+3714798958938564 z^{18} \\ &+250001916586569 z^{16} + 12533930487216 z^{14} \\ &+459243498490 z^{12} + 12090282456 z^{10} \\ &+224641242 z^8 + 2851632 z^6 + 24381 z^4 + 84 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 168 z^{81} + 5145 z^{80} + 60312 z^{79} + 782712 z^{78} \\ &+ 8847048 z^{77} + 85134462 z^{76} + 719031544 z^{75} \\ &+ 5392944144 z^{74} + 36277440696 z^{73} \\ &+ 220690140734 z^{72} + 1222280429832 z^{71} \\ &+ 6198677215416 z^{70} + 28927262015064 z^{69} \\ &+ 124748967171717 z^{68} + 498995362351080 z^{67} \\ &+ 1857371270462848 z^{66} \\ &+ 6451922423380896 z^{65} \\ &+ 20968747942217229 z^{64} \\ &+ 63904755254281568 z^{63} \\ &+ 182999983419041376 z^{62} \\ &+ 493304296851661344 z^{61} \\ &+ 1253815079185377576 z^{60} \end{aligned} $	

$\{[84, 2, 75]\}$

$x^9 + x^7 + x^4 + x^3 + x^2 + x + 1$

$+3009156211798826208 z^{59}$
 $+6828469878929313216 z^{58}$
 $+14668564889510206304 z^{57}$
 $+29861007095408871336 z^{56}$
 $+57662634408103888800 z^{55}$
 $+105714829700706077152 z^{54}$
 $+184148413089672699360 z^{53}$
 $+304995809299491899442 z^{52}$
 $+480599456899743383328 z^{51}$
 $+720899185201835826816 z^{50}$
 $+1029855979089306932400 z^{49}$
 $+1401748416027020431650 z^{48}$
 $+1818484431492502887120 z^{47}$
 $+2249178112836679746960 z^{46}$
 $+2652876748302875913840 z^{45}$
 $+2984486341375976057460 z^{44}$
 $+3202863391199336190480 z^{43}$
 $+3279122043935223420000 z^{42}$
 $+3202863391199336190480 z^{41}$
 $+2984486341375976057460 z^{40}$
 $+2652876748302875913840 z^{39}$
 $+2249178112836679746960 z^{38}$
 $+1818484431492502887120 z^{37}$
 $+1401748416027020431650 z^{36}$
 $+1029855979089306932400 z^{35}$
 $+720899185201835826816 z^{34}$
 $+480599456899743383328 z^{33}$
 $+304995809299491899442 z^{32}$
 $+184148413089672699360 z^{31}$
 $+105714829700706077152 z^{30}$
 $+57662634408103888800 z^{29}$

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

		$+29861007095408871336 z^{28}$ $+14668564889510206304 z^{27}$ $+6828469878929313216 z^{26}$ $+3009156211798826208 z^{25}$ $+1253815079185377576 z^{24}$ $+493304296851661344 z^{23}$ $+182999983419041376 z^{22}$ $+63904755254281568 z^{21}$ $+20968747942217229 z^{20}$ $+6451922423380896 z^{19}$ $+1857371270462848 z^{18}$ $+498995362351080 z^{17} + 124748967171717 z^{16}$ $+28927262015064 z^{15} + 6198677215416 z^{14}$ $+1222280429832 z^{13} + 220690140734 z^{12}$ $+36277440696 z^{11} + 5392944144 z^{10}$ $+719031544 z^9 + 85134462 z^8 + 8847048 z^7$ $+782712 z^6 + 60312 z^5 + 5145 z^4 + 168 z^3 + 1$	
		$z^{84} + 84 z^{82} + 756 z^{81} + 6237 z^{80} + 77868 z^{79}$ $+ 867888 z^{78} + 8938116 z^{77} + 84902202 z^{76}$ $+ 717788764 z^{75} + 5389265112 z^{74}$ $+ 36273276732 z^{73} + 220702310234 z^{72}$ $+ 1222339996836 z^{71} + 6198763233456 z^{70}$ $+ 28927166571660 z^{69} + 124748431869033 z^{68}$ $+ 498994638676884 z^{67}$ $+ 1857371461849540 z^{66}$ $+ 6451925835517008 z^{65}$ $+ 20968754848795677 z^{64}$ $+ 63904752870262832 z^{63}$ $+ 182999956823861184 z^{62}$ $+ 493304275712915856 z^{61}$ $+ 1253815115762241816 z^{60}$	

$$\{[84, 2, 75]\}$$

$$x^9 + x^7 + x^6 + x^5 + x^2 + x + 1$$

$$\begin{aligned}
&+3009156281343734256 z^{59} \\
&+6828469909303309344 z^{58} \\
&+14668564835358599984 z^{57} \\
&+29861006899694345688 z^{56} \\
&+57662634219957371472 z^{55} \\
&+105714829969304721088 z^{54} \\
&+184148413713439282800 z^{53} \\
&+304995809369048740866 z^{52} \\
&+480599456144624000016 z^{51} \\
&+720899184457146628584 z^{50} \\
&+1029855979088199277848 z^{49} \\
&+1401748416998035132698 z^{48} \\
&+1818484432857665126568 z^{47} \\
&+2249178112844513551008 z^{46} \\
&+2652876746289127997688 z^{45} \\
&+2984486339663525241468 z^{44} \\
&+3202863392174011013448 z^{43} \\
&+3279122046512899108368 z^{42} \\
&+3202863392174011013448 z^{41} \\
&+2984486339663525241468 z^{40} \\
&+2652876746289127997688 z^{39} \\
&+2249178112844513551008 z^{38} \\
&+1818484432857665126568 z^{37} \\
&+1401748416998035132698 z^{36} \\
&+1029855979088199277848 z^{35} \\
&+720899184457146628584 z^{34} \\
&+480599456144624000016 z^{33} \\
&+304995809369048740866 z^{32} \\
&+184148413713439282800 z^{31} \\
&+105714829969304721088 z^{30} \\
&+57662634219957371472 z^{29}
\end{aligned}$$

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

		$ \begin{aligned} &+29861006899694345688 z^{28} \\ &+14668564835358599984 z^{27} \\ &+6828469909303309344 z^{26} \\ &+3009156281343734256 z^{25} \\ &+1253815115762241816 z^{24} \\ &+493304275712915856 z^{23} \\ &+182999956823861184 z^{22} \\ &+63904752870262832 z^{21} \\ &+20968754848795677 z^{20} \\ &+6451925835517008 z^{19} \\ &+1857371461849540 z^{18} \\ &+498994638676884 z^{17} + 124748431869033 z^{16} \\ &+28927166571660 z^{15} + 6198763233456 z^{14} \\ &+1222339996836 z^{13} + 220702310234 z^{12} \\ &+36273276732 z^{11} + 5389265112 z^{10} \\ &+717788764 z^9 + 84902202 z^8 + 8938116 z^7 \\ &+867888 z^6 + 77868 z^5 + 6237 z^4 + 756 z^3 + 84 z^2 \\ &+1 \end{aligned} $	
		$ \begin{aligned} &z^{84} + 7917 z^{80} + 1579872 z^{78} + 170386986 z^{76} \\ &+ 10784542272 z^{74} + 441382519242 z^{72} \\ &+ 12397381463136 z^{70} + 249497756588409 z^{68} \\ &+ 3714742890948096 z^{66} \\ &+ 41937496856925789 z^{64} \\ &+ 365999958214977408 z^{62} \\ &+ 2507630187492345048 z^{60} \\ &+ 13656939698471059200 z^{58} \\ &+ 59722014262848328344 z^{56} \\ &+ 211429659374799449472 z^{54} \\ &+ 609991618527431017794 z^{52} \\ &+ 1441798370517150632448 z^{50} \\ &+ 2803496832118494030330 z^{48} \end{aligned} $	

$\{[84, 2, 75]\}$	$x^9 + x^7 + x^6 + x^5 + x + 1$	$ \begin{aligned} &+4498356225167787205440 z^{46} \\ &+5968972683756614091420 z^{44} \\ &+6558244086644105512320 z^{42} \\ &+5968972683756614091420 z^{40} \\ &+4498356225167787205440 z^{38} \\ &+2803496832118494030330 z^{36} \\ &+1441798370517150632448 z^{34} \\ &+609991618527431017794 z^{32} \\ &+211429659374799449472 z^{30} \\ &+59722014262848328344 z^{28} \\ &+13656939698471059200 z^{26} \\ &+2507630187492345048 z^{24} \\ &+365999958214977408 z^{22} \\ &+41937496856925789 z^{20} \\ &+3714742890948096 z^{18} \\ &+249497756588409 z^{16} + 12397381463136 z^{14} \\ &+441382519242 z^{12} + 10784542272 z^{10} \\ &+170386986 z^8 + 1579872 z^6 + 7917 z^4 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 126 z^{82} + 12957 z^{80} + 1633800 z^{78} \\ &+ 170035194 z^{76} + 10782856644 z^{74} \\ &+ 441389255706 z^{72} + 12397447353288 z^{70} \\ &+ 249497360175273 z^{68} \\ &+ 3714743157261990 z^{66} \\ &+ 41937500141767965 z^{64} \\ &+ 365999950469100192 z^{62} \\ &+ 2507630168657863704 z^{60} \\ &+ 13656939832228027440 z^{58} \\ &+ 59722013959483266264 z^{56} \\ &+ 211429659632588547360 z^{54} \\ &+ 609991618847207006466 z^{52} \\ &+ 1441798369348059654876 z^{50} \end{aligned} $	

$\{[84, 2, 75]\}$	$x^9 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+2803496833332735540378 z^{48} \\ &+4498356225564872255088 z^{46} \\ &+5968972680892633875708 z^{44} \\ &+6558244090718390728728 z^{42} \\ &+5968972680892633875708 z^{40} \\ &+4498356225564872255088 z^{38} \\ &+2803496833332735540378 z^{36} \\ &+1441798369348059654876 z^{34} \\ &+609991618847207006466 z^{32} \\ &+211429659632588547360 z^{30} \\ &+59722013959483266264 z^{28} \\ &+13656939832228027440 z^{26} \\ &+2507630168657863704 z^{24} \\ &+365999950469100192 z^{22} \\ &+41937500141767965 z^{20} \\ &+3714743157261990 z^{18} \\ &+249497360175273 z^{16} + 12397447353288 z^{14} \\ &+441389255706 z^{12} + 10782856644 z^{10} \\ &+170035194 z^8 + 1633800 z^6 + 12957 z^4 + 126 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 42 z^{82} + 16653 z^{80} + 2224376 z^{78} \\ &+ 193675146 z^{76} + 11220244140 z^{74} \\ &+ 445542999594 z^{72} + 12414784913208 z^{70} \\ &+ 249488213234841 z^{68} \\ &+ 3714441045470946 z^{66} \\ &+ 41937072978993885 z^{64} \\ &+ 366002317793795424 z^{62} \\ &+ 2507634638177164888 z^{60} \\ &+ 13656927225424513296 z^{58} \\ &+ 59721992681096842776 z^{56} \\ &+ 211429709062874219232 z^{54} \end{aligned} $	

$\{[84, 2, 75]\}$	$x^9 + x^7 + x^6 + x^3 + x + 1$	$ \begin{aligned} &+609991675900400076738 z^{52} \\ &+1441798229841983506164 z^{50} \\ &+2803496750050105220538 z^{48} \\ &+4498356494127006085008 z^{46} \\ &+5968972725462582202332 z^{44} \\ &+6558243752594310911112 z^{42} \\ &+5968972725462582202332 z^{40} \\ &+4498356494127006085008 z^{38} \\ &+2803496750050105220538 z^{36} \\ &+1441798229841983506164 z^{34} \\ &+609991675900400076738 z^{32} \\ &+211429709062874219232 z^{30} \\ &+59721992681096842776 z^{28} \\ &+13656927225424513296 z^{26} \\ &+2507634638177164888 z^{24} \\ &+366002317793795424 z^{22} \\ &+41937072978993885 z^{20} \\ &+3714441045470946 z^{18} \\ &+249488213234841 z^{16} + 12414784913208 z^{14} \\ &+445542999594 z^{12} + 11220244140 z^{10} \\ &+193675146 z^8 + 2224376 z^6 + 16653 z^4 + 42 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 42 z^{82} + 9933 z^{80} + 1628984 z^{78} + 170172618 z^{76} \\ &+ 10782914604 z^{74} + 441387041130 z^{72} \\ &+ 12397446111096 z^{70} + 249497372330073 z^{68} \\ &+ 3714743327421154 z^{66} \\ &+ 41937499347247581 z^{64} \\ &+ 365999949521896032 z^{62} \\ &+ 2507630184958094168 z^{60} \\ &+ 1365693977780863760 z^{58} \\ &+ 59722014034246874904 z^{56} \end{aligned} $	

$\{[84, 2, 75]\}$	$x^9 + x^7 + x^6 + x^4 + x^3 + 1$	$+211429659680477015008 z^{54}$ $+609991618436482685634 z^{52}$ $+1441798370179392283380 z^{50}$ $+2803496832521935286842 z^{48}$ $+4498356225583530104592 z^{46}$ $+5968972682023879056732 z^{44}$ $+6558244089033083633032 z^{42}$ $+5968972682023879056732 z^{40}$ $+4498356225583530104592 z^{38}$ $+2803496832521935286842 z^{36}$ $+1441798370179392283380 z^{34}$ $+609991618436482685634 z^{32}$ $+211429659680477015008 z^{30}$ $+59722014034246874904 z^{28}$ $+13656939777780863760 z^{26}$ $+2507630184958094168 z^{24}$ $+365999949521896032 z^{22}$ $+41937499347247581 z^{20}$ $+3714743327421154 z^{18}$ $+249497372330073 z^{16} + 12397446111096 z^{14}$ $+441387041130 z^{12} + 10782914604 z^{10}$ $+170172618 z^8 + 1628984 z^6 + 9933 z^4 + 42 z^2 + 1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 84 z^{82} + 19845 z^{80} + 2110752 z^{78}$ $+180398610 z^{76} + 10862622456 z^{74}$ $+441404121074 z^{72} + 12395078657568 z^{70}$ $+249494607289809 z^{68}$ $+3714779765824708 z^{66}$ $+41937519282000573 z^{64}$ $+365999591031301248 z^{62}$ $+2507630384617580152 z^{60}$ $+13656941623443928992 z^{58}$	

$\{[84, 2, 75]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+59722011235503696312 z^{56} \\ &+211429655464271895168 z^{54} \\ &+609991631716421209122 z^{52} \\ &+1441798367416596195048 z^{50} \\ &+2803496807751577734090 z^{48} \\ &+4498356251368189715904 z^{46} \\ &+5968972697745452191692 z^{44} \\ &+6558244045080584723152 z^{42} \\ &+5968972697745452191692 z^{40} \\ &+4498356251368189715904 z^{38} \\ &+2803496807751577734090 z^{36} \\ &+1441798367416596195048 z^{34} \\ &+609991631716421209122 z^{32} \\ &+211429655464271895168 z^{30} \\ &+59722011235503696312 z^{28} \\ &+13656941623443928992 z^{26} \\ &+2507630384617580152 z^{24} \\ &+365999591031301248 z^{22} \\ &+41937519282000573 z^{20} \\ &+3714779765824708 z^{18} \\ &+249494607289809 z^{16} + 12395078657568 z^{14} \\ &+441404121074 z^{12} + 10862622456 z^{10} \\ &+180398610 z^8 + 2110752 z^6 + 19845 z^4 + 84 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 168 z^{81} + 5145 z^{80} + 60312 z^{79} + 782712 z^{78} \\ &+ 8847048 z^{77} + 85134462 z^{76} + 719031544 z^{75} \\ &+ 5392944144 z^{74} + 36277440696 z^{73} \\ &+ 220690140734 z^{72} + 1222280429832 z^{71} \\ &+ 6198677215416 z^{70} + 28927262015064 z^{69} \\ &+ 124748967171717 z^{68} + 498995362351080 z^{67} \\ &+ 1857371270462848 z^{66} \end{aligned} $	

$\{[84, 2, 75]\}$

$x^9 + x^8 + x^7 + x^6 + x^5 + x^2 + 1$

$+6451922423380896 z^{65}$
 $+20968747942217229 z^{64}$
 $+63904755254281568 z^{63}$
 $+182999983419041376 z^{62}$
 $+493304296851661344 z^{61}$
 $+1253815079185377576 z^{60}$
 $+3009156211798826208 z^{59}$
 $+6828469878929313216 z^{58}$
 $+14668564889510206304 z^{57}$
 $+29861007095408871336 z^{56}$
 $+57662634408103888800 z^{55}$
 $+105714829700706077152 z^{54}$
 $+184148413089672699360 z^{53}$
 $+304995809299491899442 z^{52}$
 $+480599456899743383328 z^{51}$
 $+720899185201835826816 z^{50}$
 $+1029855979089306932400 z^{49}$
 $+1401748416027020431650 z^{48}$
 $+1818484431492502887120 z^{47}$
 $+2249178112836679746960 z^{46}$
 $+2652876748302875913840 z^{45}$
 $+2984486341375976057460 z^{44}$
 $+3202863391199336190480 z^{43}$
 $+3279122043935223420000 z^{42}$
 $+3202863391199336190480 z^{41}$
 $+2984486341375976057460 z^{40}$
 $+2652876748302875913840 z^{39}$
 $+2249178112836679746960 z^{38}$
 $+1818484431492502887120 z^{37}$
 $+1401748416027020431650 z^{36}$
 $+1029855979089306932400 z^{35}$

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

		$+720899185201835826816 z^{34}$ $+480599456899743383328 z^{33}$ $+304995809299491899442 z^{32}$ $+184148413089672699360 z^{31}$ $+105714829700706077152 z^{30}$ $+57662634408103888800 z^{29}$ $+29861007095408871336 z^{28}$ $+14668564889510206304 z^{27}$ $+6828469878929313216 z^{26}$ $+3009156211798826208 z^{25}$ $+1253815079185377576 z^{24}$ $+493304296851661344 z^{23}$ $+182999983419041376 z^{22}$ $+63904755254281568 z^{21}$ $+20968747942217229 z^{20}$ $+6451922423380896 z^{19}$ $+1857371270462848 z^{18}$ $+498995362351080 z^{17} + 124748967171717 z^{16}$ $+28927262015064 z^{15} + 6198677215416 z^{14}$ $+1222280429832 z^{13} + 220690140734 z^{12}$ $+36277440696 z^{11} + 5392944144 z^{10}$ $+719031544 z^9 + 85134462 z^8 + 8847048 z^7$ $+782712 z^6 + 60312 z^5 + 5145 z^4 + 168 z^3 + 1$	
		$z^{84} + 126 z^{82} + 12957 z^{80} + 1633800 z^{78}$ $+ 170035194 z^{76} + 10782856644 z^{74}$ $+ 441389255706 z^{72} + 12397447353288 z^{70}$ $+ 249497360175273 z^{68}$ $+ 3714743157261990 z^{66}$ $+ 41937500141767965 z^{64}$ $+ 365999950469100192 z^{62}$ $+ 2507630168657863704 z^{60}$	

$\{[84, 2, 75]\}$	$x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} &+13656939832228027440 z^{58} \\ &+59722013959483266264 z^{56} \\ &+211429659632588547360 z^{54} \\ &+609991618847207006466 z^{52} \\ &+1441798369348059654876 z^{50} \\ &+2803496833332735540378 z^{48} \\ &+4498356225564872255088 z^{46} \\ &+5968972680892633875708 z^{44} \\ &+6558244090718390728728 z^{42} \\ &+5968972680892633875708 z^{40} \\ &+4498356225564872255088 z^{38} \\ &+2803496833332735540378 z^{36} \\ &+1441798369348059654876 z^{34} \\ &+609991618847207006466 z^{32} \\ &+211429659632588547360 z^{30} \\ &+59722013959483266264 z^{28} \\ &+13656939832228027440 z^{26} \\ &+2507630168657863704 z^{24} \\ &+365999950469100192 z^{22} \\ &+41937500141767965 z^{20} \\ &+3714743157261990 z^{18} \\ &+249497360175273 z^{16} + 12397447353288 z^{14} \\ &+441389255706 z^{12} + 10782856644 z^{10} \\ &+170035194 z^8 + 1633800 z^6 + 12957 z^4 + 126 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 126 z^{82} + 7581 z^{80} + 21504 z^{79} + 977928 z^{78} \\ &+ 8070144 z^{77} + 87723258 z^{76} + 713918464 z^{75} \\ &+ 5397330372 z^{74} + 36289677312 z^{73} \\ &+ 220596869402 z^{72} + 1222526764032 z^{71} \\ &+ 6198493372872 z^{70} + 28926769148928 z^{69} \\ &+ 124750832071593 z^{68} + 498991775858688 z^{67} \end{aligned} $	

$\{[84, 2, 75]\}$

$x^9 + x^8 + x^7 + x^5 + x^4 + x + 1$

+1857373118817958 z^{66}
+6451932975710208 z^{65}
+20968721011095837 z^{64}
+63904776334118912 z^{63}
+183000008115456672 z^{62}
+493304186530025472 z^{61}
+1253815248667342872 z^{60}
+3009156219153014784 z^{59}
+6828469419366386736 z^{58}
+14668565520628834304 z^{57}
+29861007119361054936 z^{56}
+57662633316917121024 z^{55}
+105714831237677243680 z^{54}
+184148412612619456512 z^{53}
+304995807261039516930 z^{52}
+480599460549136760832 z^{51}
+720899183867017464540 z^{50}
+1029855975496164458496 z^{49}
+1401748421856578012826 z^{48}
+1818484428962866108416 z^{47}
+2249178108856316578416 z^{46}
+2652876756498069190656 z^{45}
+2984486336591959890684 z^{44}
+3202863386489812168704 z^{43}
+3279122054007306424344 z^{42}
+3202863386489812168704 z^{41}
+2984486336591959890684 z^{40}
+2652876756498069190656 z^{39}
+2249178108856316578416 z^{38}
+1818484428962866108416 z^{37}
+1401748421856578012826 z^{36}

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

		$+1029855975496164458496 z^{35}$ $+720899183867017464540 z^{34}$ $+480599460549136760832 z^{33}$ $+304995807261039516930 z^{32}$ $+184148412612619456512 z^{31}$ $+105714831237677243680 z^{30}$ $+57662633316917121024 z^{29}$ $+29861007119361054936 z^{28}$ $+14668565520628834304 z^{27}$ $+6828469419366386736 z^{26}$ $+3009156219153014784 z^{25}$ $+1253815248667342872 z^{24}$ $+493304186530025472 z^{23}$ $+183000008115456672 z^{22}$ $+63904776334118912 z^{21}$ $+20968721011095837 z^{20}$ $+6451932975710208 z^{19}$ $+1857373118817958 z^{18}$ $+498991775858688 z^{17} + 124750832071593 z^{16}$ $+28926769148928 z^{15} + 6198493372872 z^{14}$ $+1222526764032 z^{13} + 220596869402 z^{12}$ $+36289677312 z^{11} + 5397330372 z^{10}$ $+713918464 z^9 + 87723258 z^8 + 8070144 z^7$ $+977928 z^6 + 21504 z^5 + 7581 z^4 + 126 z^2 + 1$	
		$z^{84} + 126 z^{82} + 23709 z^{80} + 2859528 z^{78}$ $+ 224558586 z^{76} + 12090944964 z^{74}$ $+ 459239485978 z^{72} + 12533950293960 z^{70}$ $+ 250001830693545 z^{68}$ $+ 3714799293712038 z^{66}$ $+ 41931617615607069 z^{64}$ $+ 365987251343917728 z^{62}$	

$\{[84, 2, 75]\}$	$x^9 + x^8 + x^7 + x^2 + x + 1$	$ \begin{aligned} &+2507655047779777560 z^{60} \\ &+13657037958938311728 z^{58} \\ &+59721962516029148376 z^{56} \\ &+211429264212084176160 z^{54} \\ &+609991668306327742722 z^{52} \\ &+1441799386976492169948 z^{50} \\ &+2803496821967120656538 z^{48} \\ &+4498354452493073317488 z^{46} \\ &+5968972674723611105532 z^{44} \\ &+6558246221203064703000 z^{42} \\ &+5968972674723611105532 z^{40} \\ &+4498354452493073317488 z^{38} \\ &+2803496821967120656538 z^{36} \\ &+1441799386976492169948 z^{34} \\ &+609991668306327742722 z^{32} \\ &+211429264212084176160 z^{30} \\ &+59721962516029148376 z^{28} \\ &+13657037958938311728 z^{26} \\ &+2507655047779777560 z^{24} \\ &+365987251343917728 z^{22} \\ &+41931617615607069 z^{20} \\ &+3714799293712038 z^{18} \\ &+250001830693545 z^{16} + 12533950293960 z^{14} \\ &+459239485978 z^{12} + 12090944964 z^{10} \\ &+224558586 z^8 + 2859528 z^6 + 23709 z^4 + 126 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 84 z^{82} + 756 z^{81} + 6237 z^{80} + 77868 z^{79} \\ &+ 867888 z^{78} + 8938116 z^{77} + 84902202 z^{76} \\ &+ 717788764 z^{75} + 5389265112 z^{74} \\ &+ 36273276732 z^{73} + 220702310234 z^{72} \\ &+ 1222339996836 z^{71} + 6198763233456 z^{70} \end{aligned} $	

$\{[84, 2, 75]\}$

$$x^9 + x^8 + x^7 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned} &+28927166571660 z^{69} + 124748431869033 z^{68} \\ &+498994638676884 z^{67} \\ &+1857371461849540 z^{66} \\ &+6451925835517008 z^{65} \\ &+20968754848795677 z^{64} \\ &+63904752870262832 z^{63} \\ &+182999956823861184 z^{62} \\ &+493304275712915856 z^{61} \\ &+1253815115762241816 z^{60} \\ &+3009156281343734256 z^{59} \\ &+6828469909303309344 z^{58} \\ &+14668564835358599984 z^{57} \\ &+29861006899694345688 z^{56} \\ &+57662634219957371472 z^{55} \\ &+105714829969304721088 z^{54} \\ &+184148413713439282800 z^{53} \\ &+304995809369048740866 z^{52} \\ &+480599456144624000016 z^{51} \\ &+720899184457146628584 z^{50} \\ &+1029855979088199277848 z^{49} \\ &+1401748416998035132698 z^{48} \\ &+1818484432857665126568 z^{47} \\ &+2249178112844513551008 z^{46} \\ &+2652876746289127997688 z^{45} \\ &+2984486339663525241468 z^{44} \\ &+3202863392174011013448 z^{43} \\ &+3279122046512899108368 z^{42} \\ &+3202863392174011013448 z^{41} \\ &+2984486339663525241468 z^{40} \\ &+2652876746289127997688 z^{39} \\ &+2249178112844513551008 z^{38} \end{aligned}$$

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

		$+1818484432857665126568 z^{37}$ $+1401748416998035132698 z^{36}$ $+1029855979088199277848 z^{35}$ $+720899184457146628584 z^{34}$ $+480599456144624000016 z^{33}$ $+304995809369048740866 z^{32}$ $+184148413713439282800 z^{31}$ $+105714829969304721088 z^{30}$ $+57662634219957371472 z^{29}$ $+29861006899694345688 z^{28}$ $+14668564835358599984 z^{27}$ $+6828469909303309344 z^{26}$ $+3009156281343734256 z^{25}$ $+1253815115762241816 z^{24}$ $+493304275712915856 z^{23}$ $+182999956823861184 z^{22}$ $+63904752870262832 z^{21}$ $+20968754848795677 z^{20}$ $+6451925835517008 z^{19}$ $+1857371461849540 z^{18}$ $+498994638676884 z^{17} + 124748431869033 z^{16}$ $+28927166571660 z^{15} + 6198763233456 z^{14}$ $+1222339996836 z^{13} + 220702310234 z^{12}$ $+36273276732 z^{11} + 5389265112 z^{10}$ $+717788764 z^9 + 84902202 z^8 + 8938116 z^7$ $+867888 z^6 + 77868 z^5 + 6237 z^4 + 756 z^3 + 84 z^2$ $+1$	
		$z^{84} + 210 z^{82} + 20685 z^{80} + 1596056 z^{78} + 4478976 z^{77}$ $+ 111864522 z^{76} + 574801920 z^{75}$ $+ 6035524572 z^{74} + 33683392512 z^{73}$ $+ 229654739818 z^{72} + 1195677407232 z^{71}$	

$\{[84, 2, 75]\}$

$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$

$+6267171417048 z^{70} + 28780323618816 z^{69}$
 $+124999607116377 z^{68} + 498700650921984 z^{67}$
 $+1857400363370090 z^{66}$
 $+6452874029285376 z^{65}$
 $+20965823519631837 z^{64}$
 $+63910218664067072 z^{63}$
 $+182993572416089568 z^{62}$
 $+493305872363200512 z^{61}$
 $+1253827571491582808 z^{60}$
 $+3009122549959680000 z^{59}$
 $+6828519150189015888 z^{58}$
 $+14668529421424320512 z^{57}$
 $+29860980653983276824 z^{56}$
 $+57662757211681628160 z^{55}$
 $+105714632762113205600 z^{54}$
 $+184148578107489042432 z^{53}$
 $+304995834710929228482 z^{52}$
 $+480599146779765522432 z^{51}$
 $+720899690764234516164 z^{50}$
 $+1029855558535228440576 z^{49}$
 $+1401748414497648131642 z^{48}$
 $+1818484998075672084480 z^{47}$
 $+2249177225473706255952 z^{46}$
 $+2652877429160089686016 z^{45}$
 $+2984486333283187992924 z^{44}$
 $+3202862648222008848384 z^{43}$
 $+3279123117145851700648 z^{42}$
 $+3202862648222008848384 z^{41}$
 $+2984486333283187992924 z^{40}$
 $+2652877429160089686016 z^{39}$
 $+2249177225473706255952 z^{38}$

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

		$+1818484998075672084480 z^{37}$ $+1401748414497648131642 z^{36}$ $+1029855558535228440576 z^{35}$ $+720899690764234516164 z^{34}$ $+480599146779765522432 z^{33}$ $+304995834710929228482 z^{32}$ $+184148578107489042432 z^{31}$ $+105714632762113205600 z^{30}$ $+57662757211681628160 z^{29}$ $+29860980653983276824 z^{28}$ $+14668529421424320512 z^{27}$ $+6828519150189015888 z^{26}$ $+3009122549959680000 z^{25}$ $+1253827571491582808 z^{24}$ $+493305872363200512 z^{23}$ $+182993572416089568 z^{22}$ $+63910218664067072 z^{21}$ $+20965823519631837 z^{20}$ $+6452874029285376 z^{19}$ $+1857400363370090 z^{18}$ $+498700650921984 z^{17} + 124999607116377 z^{16}$ $+28780323618816 z^{15} + 6267171417048 z^{14}$ $+1195677407232 z^{13} + 229654739818 z^{12}$ $+33683392512 z^{11} + 6035524572 z^{10}$ $+574801920 z^9 + 111864522 z^8 + 4478976 z^7$ $+1596056 z^6 + 20685 z^4 + 210 z^2 + 1$	
		$z^{84} + 42 z^{82} + 16653 z^{80} + 2224376 z^{78}$ $+ 193675146 z^{76} + 11220244140 z^{74}$ $+ 445542999594 z^{72} + 12414784913208 z^{70}$ $+ 249488213234841 z^{68}$ $+ 3714441045470946 z^{66}$	

$\{[84, 2, 75]\}$	$x^9 + x^8 + x^6 + x^3 + x^2 + 1$	$ \begin{aligned} &+41937072978993885 z^{64} \\ &+366002317793795424 z^{62} \\ &+2507634638177164888 z^{60} \\ &+13656927225424513296 z^{58} \\ &+59721992681096842776 z^{56} \\ &+211429709062874219232 z^{54} \\ &+609991675900400076738 z^{52} \\ &+1441798229841983506164 z^{50} \\ &+2803496750050105220538 z^{48} \\ &+4498356494127006085008 z^{46} \\ &+5968972725462582202332 z^{44} \\ &+6558243752594310911112 z^{42} \\ &+5968972725462582202332 z^{40} \\ &+4498356494127006085008 z^{38} \\ &+2803496750050105220538 z^{36} \\ &+1441798229841983506164 z^{34} \\ &+609991675900400076738 z^{32} \\ &+211429709062874219232 z^{30} \\ &+59721992681096842776 z^{28} \\ &+13656927225424513296 z^{26} \\ &+2507634638177164888 z^{24} \\ &+366002317793795424 z^{22} \\ &+41937072978993885 z^{20} \\ &+3714441045470946 z^{18} \\ &+249488213234841 z^{16} + 12414784913208 z^{14} \\ &+445542999594 z^{12} + 11220244140 z^{10} \\ &+193675146 z^8 + 2224376 z^6 + 16653 z^4 + 42 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
		$ \begin{aligned} &z^{84} + 252 z^{82} + 29526 z^{80} + 2840418 z^{78} \\ &+ 216674913 z^{76} + 11658865764 z^{74} \\ &+ 449702847321 z^{72} + 12432084391314 z^{70} \end{aligned} $	

$\{[84, 2, 75]\}$	$x^9 + x^8 + x^5 + x^4 + x + 1$	$+249479316277002 z^{68}$ $+3714137406778092 z^{66}$ $+41936650284385857 z^{64}$ $+366004686293599080 z^{62}$ $+2507639055098640372 z^{60}$ $+13656914796209662320 z^{58}$ $+59721971158443851460 z^{56}$ $+211429758356301146760 z^{54}$ $+609991734198276230934 z^{52}$ $+1441798087871731251480 z^{50}$ $+2803496668976967270216 z^{48}$ $+4498356763206819177756 z^{46}$ $+5968972765702264743054 z^{44}$ $+6558243420619004381784 z^{42}$ $+5968972765702264743054 z^{40}$ $+4498356763206819177756 z^{38}$ $+2803496668976967270216 z^{36}$ $+1441798087871731251480 z^{34}$ $+609991734198276230934 z^{32}$ $+211429758356301146760 z^{30}$ $+59721971158443851460 z^{28}$ $+13656914796209662320 z^{26}$ $+2507639055098640372 z^{24}$ $+366004686293599080 z^{22}$ $+41936650284385857 z^{20}$ $+3714137406778092 z^{18}$ $+249479316277002 z^{16} + 12432084391314 z^{14}$ $+449702847321 z^{12} + 11658865764 z^{10}$ $+216674913 z^8 + 2840418 z^6 + 29526 z^4 + 252 z^2$ $+1$	$\{[42, \sqrt{21}]\}$
		$z^{84} + 126 z^{82} + 7581 z^{80} + 21504 z^{79} + 977928 z^{78}$	

$\{[84, 2, 75]\}$

$x^9 + x^8 + x^5 + x^4 + x^2 + x + 1$

$+8070144 z^{77} + 87723258 z^{76} + 713918464 z^{75}$
 $+5397330372 z^{74} + 36289677312 z^{73}$
 $+220596869402 z^{72} + 1222526764032 z^{71}$
 $+6198493372872 z^{70} + 28926769148928 z^{69}$
 $+124750832071593 z^{68} + 498991775858688 z^{67}$
 $+1857373118817958 z^{66}$
 $+6451932975710208 z^{65}$
 $+20968721011095837 z^{64}$
 $+63904776334118912 z^{63}$
 $+183000008115456672 z^{62}$
 $+493304186530025472 z^{61}$
 $+1253815248667342872 z^{60}$
 $+3009156219153014784 z^{59}$
 $+6828469419366386736 z^{58}$
 $+14668565520628834304 z^{57}$
 $+29861007119361054936 z^{56}$
 $+57662633316917121024 z^{55}$
 $+105714831237677243680 z^{54}$
 $+184148412612619456512 z^{53}$
 $+304995807261039516930 z^{52}$
 $+480599460549136760832 z^{51}$
 $+720899183867017464540 z^{50}$
 $+1029855975496164458496 z^{49}$
 $+1401748421856578012826 z^{48}$
 $+1818484428962866108416 z^{47}$
 $+2249178108856316578416 z^{46}$
 $+2652876756498069190656 z^{45}$
 $+2984486336591959890684 z^{44}$
 $+3202863386489812168704 z^{43}$
 $+3279122054007306424344 z^{42}$
 $+3202863386489812168704 z^{41}$

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

		$+2984486336591959890684 z^{40}$ $+2652876756498069190656 z^{39}$ $+2249178108856316578416 z^{38}$ $+1818484428962866108416 z^{37}$ $+1401748421856578012826 z^{36}$ $+1029855975496164458496 z^{35}$ $+720899183867017464540 z^{34}$ $+480599460549136760832 z^{33}$ $+304995807261039516930 z^{32}$ $+184148412612619456512 z^{31}$ $+105714831237677243680 z^{30}$ $+57662633316917121024 z^{29}$ $+29861007119361054936 z^{28}$ $+14668565520628834304 z^{27}$ $+6828469419366386736 z^{26}$ $+3009156219153014784 z^{25}$ $+1253815248667342872 z^{24}$ $+493304186530025472 z^{23}$ $+183000008115456672 z^{22}$ $+63904776334118912 z^{21}$ $+20968721011095837 z^{20}$ $+6451932975710208 z^{19}$ $+1857373118817958 z^{18}$ $+498991775858688 z^{17} + 124750832071593 z^{16}$ $+28926769148928 z^{15} + 6198493372872 z^{14}$ $+1222526764032 z^{13} + 220596869402 z^{12}$ $+36289677312 z^{11} + 5397330372 z^{10}$ $+713918464 z^9 + 87723258 z^8 + 8070144 z^7$ $+977928 z^6 + 21504 z^5 + 7581 z^4 + 126 z^2 + 1$	
		$z^{84} + 84 z^{82} + 19845 z^{80} + 2110752 z^{78}$ $+ 180398610 z^{76} + 10862622456 z^{74}$	

$\{[84, 2, 75]\}$	$x^9 + x^8 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+441404121074 z^{72} + 12395078657568 z^{70} \\ &+249494607289809 z^{68} \\ &+3714779765824708 z^{66} \\ &+41937519282000573 z^{64} \\ &+365999591031301248 z^{62} \\ &+2507630384617580152 z^{60} \\ &+13656941623443928992 z^{58} \\ &+59722011235503696312 z^{56} \\ &+211429655464271895168 z^{54} \\ &+609991631716421209122 z^{52} \\ &+1441798367416596195048 z^{50} \\ &+2803496807751577734090 z^{48} \\ &+4498356251368189715904 z^{46} \\ &+5968972697745452191692 z^{44} \\ &+6558244045080584723152 z^{42} \\ &+5968972697745452191692 z^{40} \\ &+4498356251368189715904 z^{38} \\ &+2803496807751577734090 z^{36} \\ &+1441798367416596195048 z^{34} \\ &+609991631716421209122 z^{32} \\ &+211429655464271895168 z^{30} \\ &+59722011235503696312 z^{28} \\ &+13656941623443928992 z^{26} \\ &+2507630384617580152 z^{24} \\ &+365999591031301248 z^{22} \\ &+41937519282000573 z^{20} \\ &+3714779765824708 z^{18} \\ &+249494607289809 z^{16} + 12395078657568 z^{14} \\ &+441404121074 z^{12} + 10862622456 z^{10} \\ &+180398610 z^8 + 2110752 z^6 + 19845 z^4 + 84 z^2 \\ &+ 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
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$\{[84, 2, 75]\}$	$x^9 + x^8 + x^5 + 1$	$ \begin{aligned} &6321 z^{80} + 1537200 z^{78} + 169828764 z^{76} \\ &+ 10785995808 z^{74} + 441400770958 z^{72} \\ &+ 12397364439600 z^{70} + 249497291546076 z^{68} \\ &+ 3714744203414272 z^{66} \\ &+ 41937499075311021 z^{64} \\ &+ 365999944957843392 z^{62} \\ &+ 2507630187215943216 z^{60} \\ &+ 13656939798646983552 z^{58} \\ &+ 59722014042041138088 z^{56} \\ &+ 211429659437802995392 z^{54} \\ &+ 609991619013087971184 z^{52} \\ &+ 1441798369757308120320 z^{50} \\ &+ 2803496832024487318706 z^{48} \\ &+ 4498356226701262125984 z^{46} \\ &+ 5968972682036187126408 z^{44} \\ &+ 6558244086700309291200 z^{42} \\ &+ 5968972685358665320212 z^{40} \\ &+ 4498356223770311987616 z^{38} \\ &+ 2803496832052674790984 z^{36} \\ &+ 1441798371452127128832 z^{34} \\ &+ 609991617875218785234 z^{32} \\ &+ 211429659443898383040 z^{30} \\ &+ 59722014398144581872 z^{28} \\ &+ 13656939642720963456 z^{26} \\ &+ 2507630169615470760 z^{24} \\ &+ 365999977134386112 z^{22} \\ &+ 41937493345025712 z^{20} \\ &+ 3714741792787200 z^{18} \\ &+ 249498185099037 z^{16} + 12397410925872 z^{14} \\ &+ 441359805628 z^{12} + 10784103456 z^{10} \\ &+ 170818830 z^8 + 1628592 z^6 + 9660 z^4 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
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$\{[84, 2, 75]\}$	$x^9 + x^8 + x^4 + x^3 + x^2 + 1$	$ \begin{aligned} & z^{84} + 7917 z^{80} + 1579872 z^{78} + 170386986 z^{76} \\ & + 10784542272 z^{74} + 441382519242 z^{72} \\ & + 12397381463136 z^{70} + 249497756588409 z^{68} \\ & + 3714742890948096 z^{66} \\ & + 41937496856925789 z^{64} \\ & + 365999958214977408 z^{62} \\ & + 2507630187492345048 z^{60} \\ & + 13656939698471059200 z^{58} \\ & + 59722014262848328344 z^{56} \\ & + 211429659374799449472 z^{54} \\ & + 609991618527431017794 z^{52} \\ & + 1441798370517150632448 z^{50} \\ & + 2803496832118494030330 z^{48} \\ & + 4498356225167787205440 z^{46} \\ & + 5968972683756614091420 z^{44} \\ & + 6558244086644105512320 z^{42} \\ & + 5968972683756614091420 z^{40} \\ & + 4498356225167787205440 z^{38} \\ & + 2803496832118494030330 z^{36} \\ & + 1441798370517150632448 z^{34} \\ & + 609991618527431017794 z^{32} \\ & + 211429659374799449472 z^{30} \\ & + 59722014262848328344 z^{28} \\ & + 13656939698471059200 z^{26} \\ & + 2507630187492345048 z^{24} \\ & + 365999958214977408 z^{22} \\ & + 41937496856925789 z^{20} \\ & + 3714742890948096 z^{18} \\ & + 249497756588409 z^{16} + 12397381463136 z^{14} \\ & + 441382519242 z^{12} + 10784542272 z^{10} \\ & + 170386986 z^8 + 1579872 z^6 + 7917 z^4 + 1 \end{aligned} $	$\{[42, \sqrt{21}]\}$
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$\{[85, 2, 76]\}$

$x^9 + x^3 + x + 1$

$$\begin{aligned}
& 340 z^{82} + 129897 z^{80} + 19250460 z^{78} \\
& + 1608652540 z^{76} + 83338134060 z^{74} \\
& + 2885950797030 z^{72} + 70251867346020 z^{70} \\
& + 1247488637205420 z^{68} \\
& + 16618587289929040 z^{66} \\
& + 169747008040105485 z^{64} \\
& + 1352608552851220080 z^{62} \\
& + 8525942601319065648 z^{60} \\
& + 42994069513596479600 z^{58} \\
& + 175047282986865770760 z^{56} \\
& + 579726485738541274320 z^{54} \\
& + 1571190532020971365680 z^{52} \\
& + 3501510329134357235928 z^{50} \\
& + 6440465694540330451650 z^{48} \\
& + 9804109722440949462600 z^{46} \\
& + 12374699465413229200200 z^{44} \\
& + 12963970869815722343400 z^{42} \\
& + 11274726179618228687460 z^{40} \\
& + 8135325088805176414200 z^{38} \\
& + 4863208789780900252200 z^{36} \\
& + 2402997284684685569040 z^{34} \\
& + 978288444469658669490 z^{32} \\
& + 326754928329358638256 z^{30} \\
& + 89059143968994113520 z^{28} \\
& + 19675252156357738800 z^{26} \\
& + 3494238767001788040 z^{24} \\
& + 493809473824463120 z^{22} \\
& + 54841340114697840 z^{20} \\
& + 4712734054180980 z^{18} \\
& + 307352168331285 z^{16} + 14841969833340 z^{14} \\
& + 513931230620 z^{12} + 12223738956 z^{10}
\end{aligned}$$

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

		$+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^6 + x^5 + x^2 + x + 1$	$340 z^{82} + 129897 z^{80} + 19250460 z^{78}$ $+ 1608652540 z^{76} + 83338134060 z^{74}$ $+ 2885950797030 z^{72} + 70251867346020 z^{70}$ $+ 1247488637205420 z^{68}$ $+ 16618587289929040 z^{66}$ $+ 169747008040105485 z^{64}$ $+ 1352608552851220080 z^{62}$ $+ 8525942601319065648 z^{60}$ $+ 42994069513596479600 z^{58}$ $+ 175047282986865770760 z^{56}$ $+ 579726485738541274320 z^{54}$ $+ 1571190532020971365680 z^{52}$ $+ 3501510329134357235928 z^{50}$ $+ 6440465694540330451650 z^{48}$ $+ 9804109722440949462600 z^{46}$ $+ 12374699465413229200200 z^{44}$ $+ 12963970869815722343400 z^{42}$ $+ 11274726179618228687460 z^{40}$ $+ 8135325088805176414200 z^{38}$ $+ 4863208789780900252200 z^{36}$ $+ 2402997284684685569040 z^{34}$ $+ 978288444469658669490 z^{32}$ $+ 326754928329358638256 z^{30}$ $+ 89059143968994113520 z^{28}$ $+ 19675252156357738800 z^{26}$ $+ 3494238767001788040 z^{24}$ $+ 493809473824463120 z^{22}$ $+ 54841340114697840 z^{20}$ $+ 4712734054180980 z^{18}$ $+ 307352168331285 z^{16} + 14841969833340 z^{14}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+513931230620 z^{12} + 12223738956 z^{10}$ $+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^6 + x^5 + x^4 + x^3 + 1$	$106250 z^{80} + 19125000 z^{78} + 1611121875 z^{76}$ $+83337506250 z^{74} + 2885859108125 z^{72}$ $+70252289242500 z^{70} + 1247488397384125 z^{68}$ $+16618583680100250 z^{66}$ $+169747019274134225 z^{64}$ $+1352608552429371200 z^{62}$ $+8525942529074446284 z^{60}$ $+42994069691219654280 z^{58}$ $+175047282899365766740 z^{56}$ $+579726485267724732080 z^{54}$ $+1571190533278653593860 z^{52}$ $+3501510327849914822568 z^{50}$ $+6440465694337047408800 z^{48}$ $+9804109724731245960400 z^{46}$ $+12374699462669542611450 z^{44}$ $+12963970870325995133900 z^{42}$ $+11274726182295194840710 z^{40}$ $+8135325084772138723800 z^{38}$ $+4863208792521550124150 z^{36}$ $+2402997284229415625740 z^{34}$ $+978288443570296422630 z^{32}$ $+326754929256721373568 z^{30}$ $+89059143563850765980 z^{28}$ $+19675252191406464040 z^{26}$ $+3494238823755954500 z^{24}$ $+493809442826878000 z^{22}$ $+54841345411132500 z^{20}$ $+4712735125845000 z^{18}$ $+307351575118750 z^{16} + 14842010225000 z^{14}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+513952956875 z^{12} + 12220216250 z^{10}$ $+187651525 z^8 + 1756100 z^6 + 13685 z^4 + 170 z^2$ $+1$	
$\{[85, 2, 76]\}$	$x^9 + x^7 + x^4 + x^3 + x^2 + 1$	$340 z^{82} + 129897 z^{80} + 19250460 z^{78}$ $+1608652540 z^{76} + 83338134060 z^{74}$ $+2885950797030 z^{72} + 70251867346020 z^{70}$ $+1247488637205420 z^{68}$ $+16618587289929040 z^{66}$ $+169747008040105485 z^{64}$ $+1352608552851220080 z^{62}$ $+8525942601319065648 z^{60}$ $+42994069513596479600 z^{58}$ $+175047282986865770760 z^{56}$ $+579726485738541274320 z^{54}$ $+1571190532020971365680 z^{52}$ $+3501510329134357235928 z^{50}$ $+6440465694540330451650 z^{48}$ $+9804109722440949462600 z^{46}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{42}$ $+11274726179618228687460 z^{40}$ $+8135325088805176414200 z^{38}$ $+4863208789780900252200 z^{36}$ $+2402997284684685569040 z^{34}$ $+978288444469658669490 z^{32}$ $+326754928329358638256 z^{30}$ $+89059143968994113520 z^{28}$ $+19675252156357738800 z^{26}$ $+3494238767001788040 z^{24}$ $+493809473824463120 z^{22}$ $+54841340114697840 z^{20}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+4712734054180980 z^{18}$ $+307352168331285 z^{16} + 14841969833340 z^{14}$ $+513931230620 z^{12} + 12223738956 z^{10}$ $+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^7 + x^6 + x^5 + x^2 + 1$	$340 z^{82} + 129897 z^{80} + 19250460 z^{78}$ $+1608652540 z^{76} + 83338134060 z^{74}$ $+2885950797030 z^{72} + 70251867346020 z^{70}$ $+1247488637205420 z^{68}$ $+16618587289929040 z^{66}$ $+169747008040105485 z^{64}$ $+1352608552851220080 z^{62}$ $+8525942601319065648 z^{60}$ $+42994069513596479600 z^{58}$ $+175047282986865770760 z^{56}$ $+579726485738541274320 z^{54}$ $+1571190532020971365680 z^{52}$ $+3501510329134357235928 z^{50}$ $+6440465694540330451650 z^{48}$ $+9804109722440949462600 z^{46}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{42}$ $+11274726179618228687460 z^{40}$ $+8135325088805176414200 z^{38}$ $+4863208789780900252200 z^{36}$ $+2402997284684685569040 z^{34}$ $+978288444469658669490 z^{32}$ $+326754928329358638256 z^{30}$ $+89059143968994113520 z^{28}$ $+19675252156357738800 z^{26}$ $+3494238767001788040 z^{24}$ $+493809473824463120 z^{22}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+54841340114697840 z^{20}$ $+4712734054180980 z^{18}$ $+307352168331285 z^{16} + 14841969833340 z^{14}$ $+513931230620 z^{12} + 12223738956 z^{10}$ $+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^7 + x^6 + x^2 + x + 1$	$340 z^{82} + 129897 z^{80} + 19250460 z^{78}$ $+1608652540 z^{76} + 83338134060 z^{74}$ $+2885950797030 z^{72} + 70251867346020 z^{70}$ $+1247488637205420 z^{68}$ $+16618587289929040 z^{66}$ $+169747008040105485 z^{64}$ $+1352608552851220080 z^{62}$ $+8525942601319065648 z^{60}$ $+42994069513596479600 z^{58}$ $+175047282986865770760 z^{56}$ $+579726485738541274320 z^{54}$ $+1571190532020971365680 z^{52}$ $+3501510329134357235928 z^{50}$ $+6440465694540330451650 z^{48}$ $+9804109722440949462600 z^{46}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{42}$ $+11274726179618228687460 z^{40}$ $+8135325088805176414200 z^{38}$ $+4863208789780900252200 z^{36}$ $+2402997284684685569040 z^{34}$ $+978288444469658669490 z^{32}$ $+326754928329358638256 z^{30}$ $+89059143968994113520 z^{28}$ $+19675252156357738800 z^{26}$ $+3494238767001788040 z^{24}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+493809473824463120 z^{22}$ $+54841340114697840 z^{20}$ $+4712734054180980 z^{18}$ $+307352168331285 z^{16} + 14841969833340 z^{14}$ $+513931230620 z^{12} + 12223738956 z^{10}$ $+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^8 + x^7 + x^3 + x^2 + 1$	$340 z^{82} + 129897 z^{80} + 19250460 z^{78}$ $+1608652540 z^{76} + 83338134060 z^{74}$ $+2885950797030 z^{72} + 70251867346020 z^{70}$ $+1247488637205420 z^{68}$ $+16618587289929040 z^{66}$ $+169747008040105485 z^{64}$ $+1352608552851220080 z^{62}$ $+8525942601319065648 z^{60}$ $+42994069513596479600 z^{58}$ $+175047282986865770760 z^{56}$ $+579726485738541274320 z^{54}$ $+1571190532020971365680 z^{52}$ $+3501510329134357235928 z^{50}$ $+6440465694540330451650 z^{48}$ $+9804109722440949462600 z^{46}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{42}$ $+11274726179618228687460 z^{40}$ $+8135325088805176414200 z^{38}$ $+4863208789780900252200 z^{36}$ $+2402997284684685569040 z^{34}$ $+978288444469658669490 z^{32}$ $+326754928329358638256 z^{30}$ $+89059143968994113520 z^{28}$ $+19675252156357738800 z^{26}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+3494238767001788040 z^{24}$ $+493809473824463120 z^{22}$ $+54841340114697840 z^{20}$ $+4712734054180980 z^{18}$ $+307352168331285 z^{16} + 14841969833340 z^{14}$ $+513931230620 z^{12} + 12223738956 z^{10}$ $+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^8 + x^7 + x^4 + x^3 + 1$	$340 z^{82} + 129897 z^{80} + 19250460 z^{78}$ $+1608652540 z^{76} + 83338134060 z^{74}$ $+2885950797030 z^{72} + 70251867346020 z^{70}$ $+1247488637205420 z^{68}$ $+16618587289929040 z^{66}$ $+169747008040105485 z^{64}$ $+1352608552851220080 z^{62}$ $+8525942601319065648 z^{60}$ $+42994069513596479600 z^{58}$ $+175047282986865770760 z^{56}$ $+579726485738541274320 z^{54}$ $+1571190532020971365680 z^{52}$ $+3501510329134357235928 z^{50}$ $+6440465694540330451650 z^{48}$ $+9804109722440949462600 z^{46}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{42}$ $+11274726179618228687460 z^{40}$ $+8135325088805176414200 z^{38}$ $+4863208789780900252200 z^{36}$ $+2402997284684685569040 z^{34}$ $+978288444469658669490 z^{32}$ $+326754928329358638256 z^{30}$ $+89059143968994113520 z^{28}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+19675252156357738800 z^{26}$ $+3494238767001788040 z^{24}$ $+493809473824463120 z^{22}$ $+54841340114697840 z^{20}$ $+4712734054180980 z^{18}$ $+307352168331285 z^{16} + 14841969833340 z^{14}$ $+513931230620 z^{12} + 12223738956 z^{10}$ $+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^8 + x^6 + 1$	$340 z^{82} + 129897 z^{80} + 19250460 z^{78}$ $+1608652540 z^{76} + 83338134060 z^{74}$ $+2885950797030 z^{72} + 70251867346020 z^{70}$ $+1247488637205420 z^{68}$ $+16618587289929040 z^{66}$ $+169747008040105485 z^{64}$ $+1352608552851220080 z^{62}$ $+8525942601319065648 z^{60}$ $+42994069513596479600 z^{58}$ $+175047282986865770760 z^{56}$ $+579726485738541274320 z^{54}$ $+1571190532020971365680 z^{52}$ $+3501510329134357235928 z^{50}$ $+6440465694540330451650 z^{48}$ $+9804109722440949462600 z^{46}$ $+12374699465413229200200 z^{44}$ $+12963970869815722343400 z^{42}$ $+11274726179618228687460 z^{40}$ $+8135325088805176414200 z^{38}$ $+4863208789780900252200 z^{36}$ $+2402997284684685569040 z^{34}$ $+978288444469658669490 z^{32}$ $+326754928329358638256 z^{30}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$+89059143968994113520 z^{28}$ $+19675252156357738800 z^{26}$ $+3494238767001788040 z^{24}$ $+493809473824463120 z^{22}$ $+54841340114697840 z^{20}$ $+4712734054180980 z^{18}$ $+307352168331285 z^{16} + 14841969833340 z^{14}$ $+513931230620 z^{12} + 12223738956 z^{10}$ $+187931430 z^8 + 1712580 z^6 + 7820 z^4 + 1$	
$\{[85, 2, 76]\}$	$x^9 + x^8 + x^6 + x^3 + x + 1$	$106250 z^{80} + 19125000 z^{78} + 1611121875 z^{76}$ $+83337506250 z^{74} + 2885859108125 z^{72}$ $+70252289242500 z^{70} + 1247488397384125 z^{68}$ $+16618583680100250 z^{66}$ $+169747019274134225 z^{64}$ $+1352608552429371200 z^{62}$ $+8525942529074446284 z^{60}$ $+42994069691219654280 z^{58}$ $+175047282899365766740 z^{56}$ $+579726485267724732080 z^{54}$ $+1571190533278653593860 z^{52}$ $+3501510327849914822568 z^{50}$ $+6440465694337047408800 z^{48}$ $+9804109724731245960400 z^{46}$ $+12374699462669542611450 z^{44}$ $+12963970870325995133900 z^{42}$ $+11274726182295194840710 z^{40}$ $+8135325084772138723800 z^{38}$ $+4863208792521550124150 z^{36}$ $+2402997284229415625740 z^{34}$ $+978288443570296422630 z^{32}$ $+326754929256721373568 z^{30}$	$\left\{ \left[\frac{85}{2}, \frac{\sqrt{85}}{2} \right] \right\}$

		$ \begin{aligned} &+89059143563850765980 z^{28} \\ &+19675252191406464040 z^{26} \\ &+3494238823755954500 z^{24} \\ &+493809442826878000 z^{22} \\ &+54841345411132500 z^{20} \\ &+4712735125845000 z^{18} \\ &+307351575118750 z^{16} + 14842010225000 z^{14} \\ &+513952956875 z^{12} + 12220216250 z^{10} \\ &+187651525 z^8 + 1756100 z^6 + 13685 z^4 + 170 z^2 \\ &+ 1 \end{aligned} $	
$\{[90, 2, 81]\}$	$x^9 + 1$	$ \begin{aligned} &z^{90} + 405 z^{88} + 74790 z^{86} + 8336790 z^{84} \\ &+ 626110155 z^{82} + 33505791759 z^{80} \\ &+ 1318989706740 z^{78} + 38938702472820 z^{76} \\ &+ 873004498779195 z^{74} \\ &+ 15010790668224615 z^{72} \\ &+ 199863397415792286 z^{70} \\ &+ 2082790534244404590 z^{68} \\ &+ 17180134470131618745 z^{66} \\ &+ 113397436344171724245 z^{64} \\ &+ 604856260636904409840 z^{62} \\ &+ 2629480511261728345584 z^{60} \\ &+ 9383333990756523639930 z^{58} \\ &+ 27647846917592060471490 z^{56} \\ &+ 67583482786539025045740 z^{54} \\ &+ 137570972106088130895180 z^{52} \\ &+ 233871304311119560680126 z^{50} \\ &+ 332743261454724676213350 z^{48} \\ &+ 396758405127077601967800 z^{46} \\ &+ 396758405127077601967800 z^{44} \\ &+ 332743261454724676213350 z^{42} \\ &+ 233871304311119560680126 z^{40} \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $

		$+137570972106088130895180 z^{38}$ $+67583482786539025045740 z^{36}$ $+27647846917592060471490 z^{34}$ $+9383333990756523639930 z^{32}$ $+2629480511261728345584 z^{30}$ $+604856260636904409840 z^{28}$ $+113397436344171724245 z^{26}$ $+17180134470131618745 z^{24}$ $+2082790534244404590 z^{22}$ $+199863397415792286 z^{20}$ $+15010790668224615 z^{18}$ $+873004498779195 z^{16} + 38938702472820 z^{14}$ $+1318989706740 z^{12} + 33505791759 z^{10}$ $+626110155 z^8 + 8336790 z^6 + 74790 z^4 + 405 z^2$ $+1$	
		$z^{90} + 90 z^{88} + 11205 z^{86} + 2426625 z^{84}$ $+ 302656500 z^{82} + 22347100233 z^{80}$ $+ 1069916807970 z^{78} + 35307048897090 z^{76}$ $+ 838544026415445 z^{74}$ $+ 14803313514805260 z^{72}$ $+ 199143510145025085 z^{70}$ $+ 2081954977004222865 z^{68}$ $+ 17183671553274737130 z^{66}$ $+ 113412232884570336045 z^{64}$ $+ 604865241387783531000 z^{62}$ $+ 2629425681334964464824 z^{60}$ $+ 9383232776224135663890 z^{58}$ $+ 27647921170881691336620 z^{56}$ $+ 67583807310325019433930 z^{54}$ $+ 137571021708315538215330 z^{52}$ $+ 233870736899234463721488 z^{50}$	

$\{[90, 2, 81]\}$	$x^9 + x^5 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+332742918360209796310050 z^{48} \\ &+396758997785533628587500 z^{46} \\ &+396758997785533628587500 z^{44} \\ &+332742918360209796310050 z^{42} \\ &+233870736899234463721488 z^{40} \\ &+137571021708315538215330 z^{38} \\ &+67583807310325019433930 z^{36} \\ &+27647921170881691336620 z^{34} \\ &+9383232776224135663890 z^{32} \\ &+2629425681334964464824 z^{30} \\ &+604865241387783531000 z^{28} \\ &+113412232884570336045 z^{26} \\ &+17183671553274737130 z^{24} \\ &+2081954977004222865 z^{22} \\ &+199143510145025085 z^{20} \\ &+14803313514805260 z^{18} \\ &+838544026415445 z^{16} + 35307048897090 z^{14} \\ &+1069916807970 z^{12} + 22347100233 z^{10} \\ &+302656500 z^8 + 2426625 z^6 + 11205 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} + 23850 z^{86} + 2982570 z^{84} \\ &+ 315881415 z^{82} + 22514544423 z^{80} \\ &+ 1070855444220 z^{78} + 35306534251260 z^{76} \\ &+ 838518056467155 z^{74} \\ &+ 14803277862978035 z^{72} \\ &+ 199143887227426530 z^{70} \\ &+ 2081955383978298210 z^{68} \\ &+ 17183667917673134805 z^{66} \\ &+ 113412232478372802165 z^{64} \\ &+ 604865262248407838160 z^{62} \\ &+ 2629425665520247875024 z^{60} \end{aligned} $	

$\{[90, 2, 81]\}$	$x^9 + x^6 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+9383232713587895471130 z^{58} \\ &+27647921267858209011930 z^{56} \\ &+67583807393308217617780 z^{54} \\ &+137571021445335359509620 z^{52} \\ &+233870736930457467556278 z^{50} \\ &+332742918734974279523190 z^{48} \\ &+396758997523475696068200 z^{46} \\ &+396758997523475696068200 z^{44} \\ &+332742918734974279523190 z^{42} \\ &+233870736930457467556278 z^{40} \\ &+137571021445335359509620 z^{38} \\ &+67583807393308217617780 z^{36} \\ &+27647921267858209011930 z^{34} \\ &+9383232713587895471130 z^{32} \\ &+2629425665520247875024 z^{30} \\ &+604865262248407838160 z^{28} \\ &+113412232478372802165 z^{26} \\ &+17183667917673134805 z^{24} \\ &+2081955383978298210 z^{22} \\ &+199143887227426530 z^{20} \\ &+14803277862978035 z^{18} \\ &+838518056467155 z^{16} + 35306534251260 z^{14} \\ &+1070855444220 z^{12} + 22514544423 z^{10} \\ &+315881415 z^8 + 2982570 z^6 + 23850 z^4 + 225 z^2 \\ &+1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &z^{90} + 90 z^{88} + 16065 z^{86} + 2826765 z^{84} \\ &+ 314916660 z^{82} + 22520253033 z^{80} \\ &+ 1070917981530 z^{78} + 35306300990970 z^{76} \\ &+ 838516501986165 z^{74} \\ &+ 14803287367174220 z^{72} \\ &+ 199143883953136665 z^{70} \end{aligned} $	

$\{[90, 2, 81]\}$	$x^9 + x^7 + x^5 + x^4 + x^2 + 1$	$+2081955282718287645 z^{68}$ $+17183668216494157290 z^{66}$ $+113412232441615524525 z^{64}$ $+604865260652506288920 z^{62}$ $+2629425669228148858584 z^{60}$ $+9383232711684741904530 z^{58}$ $+27647921260999922686380 z^{56}$ $+67583807408493217865410 z^{54}$ $+137571021436848716417850 z^{52}$ $+233870736916415480200848 z^{50}$ $+332742918764116469879010 z^{48}$ $+396758997508161263353020 z^{46}$ $+396758997508161263353020 z^{44}$ $+332742918764116469879010 z^{42}$ $+233870736916415480200848 z^{40}$ $+137571021436848716417850 z^{38}$ $+67583807408493217865410 z^{36}$ $+27647921260999922686380 z^{34}$ $+9383232711684741904530 z^{32}$ $+2629425669228148858584 z^{30}$ $+604865260652506288920 z^{28}$ $+113412232441615524525 z^{26}$ $+17183668216494157290 z^{24}$ $+2081955282718287645 z^{22}$ $+199143883953136665 z^{20}$ $+14803287367174220 z^{18}$ $+838516501986165 z^{16} + 35306300990970 z^{14}$ $+1070917981530 z^{12} + 22520253033 z^{10}$ $+314916660 z^8 + 2826765 z^6 + 16065 z^4 + 90 z^2$ $+1$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$
		$z^{90} + 225 z^{88} + 23850 z^{86} + 2749290 z^{84}$	

$$\{[90, 2, 81]\}$$

$$x^9 + x^7 + x^6 + x^3 + x^2 + 1$$

$$\begin{aligned}
&+304917255 z^{82} + 22333596903 z^{80} \\
&+1069782416700 z^{78} + 35307668570940 z^{76} \\
&+838546430074515 z^{74} \\
&+14803295517245235 z^{72} \\
&+199143521384963490 z^{70} \\
&+2081955149215524450 z^{68} \\
&+17183671032296255445 z^{66} \\
&+113412232898209836405 z^{64} \\
&+604865244324718403280 z^{62} \\
&+2629425675034170016464 z^{60} \\
&+9383232777723165286170 z^{58} \\
&+27647921187340286601690 z^{56} \\
&+67583807278987929570420 z^{54} \\
&+137571021722103477019380 z^{52} \\
&+233870736934680825625398 z^{50} \\
&+332742918293976317931510 z^{48} \\
&+396758997819615138077160 z^{46} \\
&+396758997819615138077160 z^{44} \\
&+332742918293976317931510 z^{42} \\
&+233870736934680825625398 z^{40} \\
&+137571021722103477019380 z^{38} \\
&+67583807278987929570420 z^{36} \\
&+27647921187340286601690 z^{34} \\
&+9383232777723165286170 z^{32} \\
&+2629425675034170016464 z^{30} \\
&+604865244324718403280 z^{28} \\
&+113412232898209836405 z^{26} \\
&+17183671032296255445 z^{24} \\
&+2081955149215524450 z^{22} \\
&+199143521384963490 z^{20} \\
&+14803295517245235 z^{18}
\end{aligned}$$

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

		$+838546430074515 z^{16} + 35307668570940 z^{14}$ $+1069782416700 z^{12} + 22333596903 z^{10}$ $+304917255 z^8 + 2749290 z^6 + 23850 z^4 + 225 z^2$ $+1$	
$\{[90, 2, 81]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x$ $+1$	$z^{90} + 360 z^{88} + 59580 z^{86} + 6007800 z^{84}$ $+412492590 z^{82} + 23908257513 z^{80}$ $+1078949258820 z^{78} + 35300027456100 z^{76}$ $+838297587790485 z^{74}$ $+14803076458417230 z^{72}$ $+199146865448978280 z^{70}$ $+2081957784723707580 z^{68}$ $+17183641379851722960 z^{66}$ $+113412229013864717325 z^{64}$ $+604865415224523240720 z^{62}$ $+2629425570327251922384 z^{60}$ $+9383232199720669168050 z^{58}$ $+27647921976443147666520 z^{56}$ $+67583808196749910313640 z^{54}$ $+137571019269012412467840 z^{52}$ $+233870737042790417187828 z^{50}$ $+332742922007856895837890 z^{48}$ $+396758995283682708034680 z^{46}$ $+396758995283682708034680 z^{44}$ $+332742922007856895837890 z^{42}$ $+233870737042790417187828 z^{40}$ $+137571019269012412467840 z^{38}$ $+67583808196749910313640 z^{36}$ $+27647921976443147666520 z^{34}$ $+9383232199720669168050 z^{32}$ $+2629425570327251922384 z^{30}$ $+604865415224523240720 z^{28}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+113412229013864717325 z^{26}$ $+17183641379851722960 z^{24}$ $+2081957784723707580 z^{22}$ $+199146865448978280 z^{20}$ $+14803076458417230 z^{18}$ $+838297587790485 z^{16} + 35300027456100 z^{14}$ $+1078949258820 z^{12} + 23908257513 z^{10}$ $+412492590 z^8 + 6007800 z^6 + 59580 z^4 + 360 z^2$ $+1$	
$\{[90, 2, 81]\}$	$x^9 + x^8 + x^7 + x^6 + x + 1$	$z^{90} + 90 z^{88} + 20925 z^{86} + 2760345 z^{84}$ $+ 305248500 z^{82} + 22331510793 z^{80}$ $+ 1069773100050 z^{78} + 35307821724210 z^{76}$ $+ 838545724771605 z^{74}$ $+ 14803296528077580 z^{72}$ $+ 199143526076322165 z^{70}$ $+ 2081955118906804905 z^{68}$ $+ 17183671108959818730 z^{66}$ $+ 113412232838334781485 z^{64}$ $+ 604865244069850177080 z^{62}$ $+ 2629425676149177535224 z^{60}$ $+ 9383232775415887775250 z^{58}$ $+ 27647921190082309215660 z^{56}$ $+ 67583807278020840202170 z^{54}$ $+ 137571021718918129639890 z^{52}$ $+ 233870736942043212818448 z^{50}$ $+ 332742918286027220264610 z^{48}$ $+ 396758997823067782136460 z^{46}$ $+ 396758997823067782136460 z^{44}$ $+ 332742918286027220264610 z^{42}$ $+ 233870736942043212818448 z^{40}$ $+ 137571021718918129639890 z^{38}$	$\left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\}$

		$+67583807278020840202170 z^{36}$ $+27647921190082309215660 z^{34}$ $+9383232775415887775250 z^{32}$ $+2629425676149177535224 z^{30}$ $+604865244069850177080 z^{28}$ $+113412232838334781485 z^{26}$ $+17183671108959818730 z^{24}$ $+2081955118906804905 z^{22}$ $+199143526076322165 z^{20}$ $+14803296528077580 z^{18}$ $+838545724771605 z^{16} + 35307821724210 z^{14}$ $+1069773100050 z^{12} + 22331510793 z^{10}$ $+305248500 z^8 + 2760345 z^6 + 20925 z^4 + 90 z^2$ $+1$	
		$z^{90} + 90 z^{88} + 11205 z^{86} + 2426625 z^{84}$ $+ 302656500 z^{82} + 22347100233 z^{80}$ $+ 1069916807970 z^{78} + 35307048897090 z^{76}$ $+ 838544026415445 z^{74}$ $+ 14803313514805260 z^{72}$ $+ 199143510145025085 z^{70}$ $+ 2081954977004222865 z^{68}$ $+ 17183671553274737130 z^{66}$ $+ 113412232884570336045 z^{64}$ $+ 604865241387783531000 z^{62}$ $+ 2629425681334964464824 z^{60}$ $+ 9383232776224135663890 z^{58}$ $+ 27647921170881691336620 z^{56}$ $+ 67583807310325019433930 z^{54}$ $+ 137571021708315538215330 z^{52}$ $+ 233870736899234463721488 z^{50}$ $+ 332742918360209796310050 z^{48}$	

{[90, 2, 81]}	$x^9 + x^8 + x^7 + x^5 + x^4 + 1$	$ \begin{aligned} &+396758997785533628587500 z^{46} \\ &+396758997785533628587500 z^{44} \\ &+332742918360209796310050 z^{42} \\ &+233870736899234463721488 z^{40} \\ &+137571021708315538215330 z^{38} \\ &+67583807310325019433930 z^{36} \\ &+27647921170881691336620 z^{34} \\ &+9383232776224135663890 z^{32} \\ &+2629425681334964464824 z^{30} \\ &+604865241387783531000 z^{28} \\ &+113412232884570336045 z^{26} \\ &+17183671553274737130 z^{24} \\ &+2081954977004222865 z^{22} \\ &+199143510145025085 z^{20} \\ &+14803313514805260 z^{18} \\ &+838544026415445 z^{16} + 35307048897090 z^{14} \\ &+1069916807970 z^{12} + 22347100233 z^{10} \\ &+302656500 z^8 + 2426625 z^6 + 11205 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} + 23850 z^{86} + 2982570 z^{84} \\ &+ 315881415 z^{82} + 22514544423 z^{80} \\ &+ 1070855444220 z^{78} + 35306534251260 z^{76} \\ &+ 838518056467155 z^{74} \\ &+ 14803277862978035 z^{72} \\ &+ 199143887227426530 z^{70} \\ &+ 2081955383978298210 z^{68} \\ &+ 17183667917673134805 z^{66} \\ &+ 113412232478372802165 z^{64} \\ &+ 604865262248407838160 z^{62} \\ &+ 2629425665520247875024 z^{60} \\ &+ 9383232713587895471130 z^{58} \end{aligned} $	

$\{[90, 2, 81]\}$	$x^9 + x^8 + x^5 + x^4 + x^3 + 1$	$ \begin{aligned} &+27647921267858209011930 z^{56} \\ &+67583807393308217617780 z^{54} \\ &+137571021445335359509620 z^{52} \\ &+233870736930457467556278 z^{50} \\ &+332742918734974279523190 z^{48} \\ &+396758997523475696068200 z^{46} \\ &+396758997523475696068200 z^{44} \\ &+332742918734974279523190 z^{42} \\ &+233870736930457467556278 z^{40} \\ &+137571021445335359509620 z^{38} \\ &+67583807393308217617780 z^{36} \\ &+27647921267858209011930 z^{34} \\ &+9383232713587895471130 z^{32} \\ &+2629425665520247875024 z^{30} \\ &+604865262248407838160 z^{28} \\ &+113412232478372802165 z^{26} \\ &+17183667917673134805 z^{24} \\ &+2081955383978298210 z^{22} \\ &+199143887227426530 z^{20} \\ &+14803277862978035 z^{18} \\ &+838518056467155 z^{16} + 35306534251260 z^{14} \\ &+1070855444220 z^{12} + 22514544423 z^{10} \\ &+315881415 z^8 + 2982570 z^6 + 23850 z^4 + 225 z^2 \\ &+1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &z^{90} + 90 z^{88} + 20925 z^{86} + 2760345 z^{84} \\ &+ 305248500 z^{82} + 22331510793 z^{80} \\ &+ 1069773100050 z^{78} + 35307821724210 z^{76} \\ &+ 838545724771605 z^{74} \\ &+ 14803296528077580 z^{72} \\ &+ 199143526076322165 z^{70} \\ &+ 2081955118906804905 z^{68} \end{aligned} $	

$\{[90, 2, 81]\}$	$x^9 + x^8 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+17183671108959818730 z^{66} \\ &+113412232838334781485 z^{64} \\ &+604865244069850177080 z^{62} \\ &+2629425676149177535224 z^{60} \\ &+9383232775415887775250 z^{58} \\ &+27647921190082309215660 z^{56} \\ &+67583807278020840202170 z^{54} \\ &+137571021718918129639890 z^{52} \\ &+233870736942043212818448 z^{50} \\ &+332742918286027220264610 z^{48} \\ &+396758997823067782136460 z^{46} \\ &+396758997823067782136460 z^{44} \\ &+332742918286027220264610 z^{42} \\ &+233870736942043212818448 z^{40} \\ &+137571021718918129639890 z^{38} \\ &+67583807278020840202170 z^{36} \\ &+27647921190082309215660 z^{34} \\ &+9383232775415887775250 z^{32} \\ &+2629425676149177535224 z^{30} \\ &+604865244069850177080 z^{28} \\ &+113412232838334781485 z^{26} \\ &+17183671108959818730 z^{24} \\ &+2081955118906804905 z^{22} \\ &+199143526076322165 z^{20} \\ &+14803296528077580 z^{18} \\ &+838545724771605 z^{16} + 35307821724210 z^{14} \\ &+1069773100050 z^{12} + 22331510793 z^{10} \\ &+305248500 z^8 + 2760345 z^6 + 20925 z^4 + 90 z^2 \\ &+ 1 \end{aligned} $	$ \left\{ \left[45, \frac{3\sqrt{10}}{2} \right] \right\} $
		$ \begin{aligned} &z^{96} + 336 z^{94} + 64872 z^{92} + 8185072 z^{90} \\ &+ 748888596 z^{88} + 50347458768 z^{86} \end{aligned} $	

$\{[96, 2, 87]\}$

$x^9 + x^6 + x^3 + 1$

$+2535140077208 z^{84} + 94257816282864 z^{82}$
 $+2589726147010434 z^{80}$
 $+53425426659248304 z^{78}$
 $+844404640859300472 z^{76}$
 $+10418630411145622032 z^{74}$
 $+101960344737216584388 z^{72}$
 $+801875928894668575920 z^{70}$
 $+5123086729681186354056 z^{68}$
 $+26828495433543089370768 z^{66}$
 $+116022465520171636867311 z^{64}$
 $+416936322035710439653152 z^{62}$
 $+1251470654059709415697296 z^{60}$
 $+3150929023778725356319584 z^{58}$
 $+6677545966657247904005928 z^{56}$
 $+11943578005252621317677088 z^{54}$
 $+18066870856951892927877744 z^{52}$
 $+23146542033018123998026080 z^{50}$
 $+25136980780956318304093980 z^{48}$
 $+23146542033018123998026080 z^{46}$
 $+18066870856951892927877744 z^{44}$
 $+11943578005252621317677088 z^{42}$
 $+6677545966657247904005928 z^{40}$
 $+3150929023778725356319584 z^{38}$
 $+1251470654059709415697296 z^{36}$
 $+416936322035710439653152 z^{34}$
 $+116022465520171636867311 z^{32}$
 $+26828495433543089370768 z^{30}$
 $+5123086729681186354056 z^{28}$
 $+801875928894668575920 z^{26}$
 $+101960344737216584388 z^{24}$
 $+10418630411145622032 z^{22}$

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

		$+844404640859300472 z^{20}$ $+53425426659248304 z^{18}$ $+2589726147010434 z^{16} + 94257816282864 z^{14}$ $+2535140077208 z^{12} + 50347458768 z^{10}$ $+748888596 z^8 + 8185072 z^6 + 64872 z^4 + 336 z^2$ $+1$	
$\{[96, 2, 87]\}$	$x^9 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$	$z^{96} + 144 z^{94} + 31464 z^{92} + 4483248 z^{90}$ $+ 532734228 z^{88} + 44114364432 z^{86}$ $+ 2439472860440 z^{84} + 93472116327600 z^{82}$ $+ 2586942710733186 z^{80}$ $+ 53429279964489072 z^{78}$ $+ 844462854126179064 z^{76}$ $+ 10418702571439324752 z^{74}$ $+ 101959840999329623492 z^{72}$ $+ 801874896377019844464 z^{70}$ $+ 5123089663776287805192 z^{68}$ $+ 26828501840103326327504 z^{66}$ $+ 116022452163443519027439 z^{64}$ $+ 416936298834497581854624 z^{62}$ $+ 1251470700936807581870736 z^{60}$ $+ 3150929074916617404977376 z^{58}$ $+ 6677545847423404058684712 z^{56}$ $+ 11943577940662585624115360 z^{54}$ $+ 18066871068238894067149680 z^{52}$ $+ 23146542064222216250311392 z^{50}$ $+ 25136980524837881296151324 z^{48}$ $+ 23146542064222216250311392 z^{46}$ $+ 18066871068238894067149680 z^{44}$ $+ 11943577940662585624115360 z^{42}$ $+ 6677545847423404058684712 z^{40}$ $+ 3150929074916617404977376 z^{38}$	$\{[48, 2\sqrt{6}]\}$

		$+1251470700936807581870736 z^{36}$ $+416936298834497581854624 z^{34}$ $+116022452163443519027439 z^{32}$ $+26828501840103326327504 z^{30}$ $+5123089663776287805192 z^{28}$ $+801874896377019844464 z^{26}$ $+101959840999329623492 z^{24}$ $+10418702571439324752 z^{22}$ $+844462854126179064 z^{20}$ $+53429279964489072 z^{18}$ $+2586942710733186 z^{16} + 93472116327600 z^{14}$ $+2439472860440 z^{12} + 44114364432 z^{10}$ $+532734228 z^8 + 4483248 z^6 + 31464 z^4 + 144 z^2$ $+1$	
		$z^{96} + 144 z^{94} + 39144 z^{92} + 5632176 z^{90}$ $+603700500 z^{88} + 46185230352 z^{86}$ $+2471417880344 z^{84} + 93734387750064 z^{82}$ $+2587868250800514 z^{80}$ $+53427991483037040 z^{78}$ $+844443495616384248 z^{76}$ $+10418678462921066064 z^{74}$ $+101960008630207814084 z^{72}$ $+801875241396465414000 z^{70}$ $+5123088686073357763848 z^{68}$ $+26828499699841312121552 z^{66}$ $+116022456621025232312559 z^{64}$ $+416936306579087646289824 z^{62}$ $+1251470685277681885902480 z^{60}$ $+3150929057884159293497568 z^{58}$ $+6677545887240288641459496 z^{56}$ $+11943577962052569371183264 z^{54}$	

{[96, 2, 87]}	$x^9 + x^8 + x^7 + x^6 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+18066870997876778994843504 z^{52} \\ &+23146542053940475775197920 z^{50} \\ &+25136980609988376251749148 z^{48} \\ &+23146542053940475775197920 z^{46} \\ &+18066870997876778994843504 z^{44} \\ &+11943577962052569371183264 z^{42} \\ &+6677545887240288641459496 z^{40} \\ &+3150929057884159293497568 z^{38} \\ &+1251470685277681885902480 z^{36} \\ &+416936306579087646289824 z^{34} \\ &+116022456621025232312559 z^{32} \\ &+26828499699841312121552 z^{30} \\ &+5123088686073357763848 z^{28} \\ &+801875241396465414000 z^{26} \\ &+101960008630207814084 z^{24} \\ &+10418678462921066064 z^{22} \\ &+844443495616384248 z^{20} \\ &+53427991483037040 z^{18} \\ &+2587868250800514 z^{16} + 93734387750064 z^{14} \\ &+2471417880344 z^{12} + 46185230352 z^{10} \\ &+603700500 z^8 + 5632176 z^6 + 39144 z^4 + 144 z^2 \\ &+ 1 \end{aligned} $	{[48, 2 $\sqrt{6}$]}
		$ \begin{aligned} &z^{96} + 336 z^{94} + 52584 z^{92} + 6661360 z^{90} \\ &+ 671203860 z^{88} + 48256188624 z^{86} \\ &+ 2503483743896 z^{84} + 93996619114224 z^{82} \\ &+ 2588792537653122 z^{80} \\ &+ 53426699113007280 z^{78} \\ &+ 844424156804977272 z^{76} \\ &+ 10418654476352975376 z^{74} \\ &+ 101960175459822729924 z^{72} \\ &+ 801875587520375968944 z^{70} \end{aligned} $	

$\{[96, 2, 87]\}$	$x^9 + x^8 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+5123087711871956321160 z^{68} \\ &+26828497543747887281808 z^{66} \\ &+116022461098811677130991 z^{64} \\ &+416936314340013031620384 z^{62} \\ &+1251470669527300678699920 z^{60} \\ &+3150929040973995492029280 z^{58} \\ &+6677545927027000828182312 z^{56} \\ &+11943577983328060998098976 z^{54} \\ &+18066870927651577743176304 z^{52} \\ &+23146542043649206713473376 z^{50} \\ &+25136980695062052261807900 z^{48} \\ &+23146542043649206713473376 z^{46} \\ &+18066870927651577743176304 z^{44} \\ &+11943577983328060998098976 z^{42} \\ &+6677545927027000828182312 z^{40} \\ &+3150929040973995492029280 z^{38} \\ &+1251470669527300678699920 z^{36} \\ &+416936314340013031620384 z^{34} \\ &+116022461098811677130991 z^{32} \\ &+26828497543747887281808 z^{30} \\ &+5123087711871956321160 z^{28} \\ &+801875587520375968944 z^{26} \\ &+101960175459822729924 z^{24} \\ &+10418654476352975376 z^{22} \\ &+844424156804977272 z^{20} \\ &+53426699113007280 z^{18} \\ &+2588792537653122 z^{16} + 93996619114224 z^{14} \\ &+2503483743896 z^{12} + 48256188624 z^{10} \\ &+671203860 z^8 + 6661360 z^6 + 52584 z^4 + 336 z^2 \\ &+1 \\ &z^{96} + 240 z^{94} + 63528 z^{92} + 8959696 z^{90} \end{aligned} $	$\{[48, 2\sqrt{6}]\}$

$\{[96, 2, 87]\}$

$x^9 + x^8 + x + 1$

$+850475412 z^{88} + 56698164336 z^{86}$
 $+2742107726296 z^{84} + 98075315000784 z^{82}$
 $+2631699218803842 z^{80}$
 $+53699124639438608 z^{78}$
 $+845337539640757944 z^{76}$
 $+10419071955477227568 z^{74}$
 $+101952035075342384196 z^{72}$
 $+801852226870385557008 z^{70}$
 $+5123099028513141755208 z^{68}$
 $+26828641470236869602480 z^{66}$
 $+116022567929262700223727 z^{64}$
 $+416935867307075799930720 z^{62}$
 $+1251470031836527350260496 z^{60}$
 $+3150929870211536844948000 z^{58}$
 $+6677547712416817400940072 z^{56}$
 $+11943577072310177829588064 z^{54}$
 $+18066867778849839909791472 z^{52}$
 $+23146542451202654978002464 z^{50}$
 $+25136984475340969343186204 z^{48}$
 $+23146542451202654978002464 z^{46}$
 $+18066867778849839909791472 z^{44}$
 $+11943577072310177829588064 z^{42}$
 $+6677547712416817400940072 z^{40}$
 $+3150929870211536844948000 z^{38}$
 $+1251470031836527350260496 z^{36}$
 $+416935867307075799930720 z^{34}$
 $+116022567929262700223727 z^{32}$
 $+26828641470236869602480 z^{30}$
 $+5123099028513141755208 z^{28}$
 $+801852226870385557008 z^{26}$
 $+101952035075342384196 z^{24}$

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

		$+10419071955477227568 z^{22}$ $+845337539640757944 z^{20}$ $+53699124639438608 z^{18}$ $+2631699218803842 z^{16} + 98075315000784 z^{14}$ $+2742107726296 z^{12} + 56698164336 z^{10}$ $+850475412 z^8 + 8959696 z^6 + 63528 z^4 + 240 z^2$ $+1$	
		$z^{98} + 294 z^{96} + 40621 z^{94} + 4328415 z^{92}$ $+13176688 z^{91} + 415083851 z^{90}$ $+2398157216 z^{89} + 31078422921 z^{88}$ $+200246127536 z^{87} + 1667075160205 z^{86}$ $+10186001478016 z^{85} + 64780993860359 z^{84}$ $+353694272565088 z^{83}$ $+1859498244818641 z^{82}$ $+8910538821935296 z^{81}$ $+40216880747657901 z^{80}$ $+169137320538094944 z^{79}$ $+668319902635891779 z^{78}$ $+2482288039949337984 z^{77}$ $+8687373133301802849 z^{76}$ $+28708141916245484784 z^{75}$ $+89709001127490316845 z^{74}$ $+265543662809214744864 z^{73}$ $+745562369231262929367 z^{72}$ $+1988159752224190087088 z^{71}$ $+5041427503251793612763 z^{70}$ $+12168925052057743703552 z^{69}$ $+27988564221101476847393 z^{68}$ $+61394269978506687505024 z^{67}$ $+128544177531500365379304 z^{66}$ $+257088512382272570644736 z^{65}$	

$$\{[98, 2, 89]\}$$

$$x^9 + x^6 + x^5 + x^4 + x^3 + x + 1$$

$$\begin{aligned}
&+491492566356519192147137 z^{64} \\
&+898729330965350518175360 z^{63} \\
&+1572776508343442682507682 z^{62} \\
&+2635462893928106504697344 z^{61} \\
&+4230612010998485909436822 z^{60} \\
&+6508633614394324367220448 z^{59} \\
&+9600234243964292287305646 z^{58} \\
&+13580820089428577076669760 z^{57} \\
&+18431111930078759853814138 z^{56} \\
&+24003309059752895623782752 z^{55} \\
&+30004136845838075114397378 z^{54} \\
&+36004962819350451343103232 z^{53} \\
&+41483980393414190899318086 z^{52} \\
&+45897169142842242292931136 z^{51} \\
&+48765741573216661537310130 z^{50} \\
&+49760962360681635485535360 z^{49} \\
&+48765741573216661537310130 z^{48} \\
&+45897169142842242292931136 z^{47} \\
&+41483980393414190899318086 z^{46} \\
&+36004962819350451343103232 z^{45} \\
&+30004136845838075114397378 z^{44} \\
&+24003309059752895623782752 z^{43} \\
&+18431111930078759853814138 z^{42} \\
&+13580820089428577076669760 z^{41} \\
&+9600234243964292287305646 z^{40} \\
&+6508633614394324367220448 z^{39} \\
&+4230612010998485909436822 z^{38} \\
&+2635462893928106504697344 z^{37} \\
&+1572776508343442682507682 z^{36} \\
&+898729330965350518175360 z^{35} \\
&+491492566356519192147137 z^{34}
\end{aligned}$$

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

		$+257088512382272570644736 z^{33}$ $+128544177531500365379304 z^{32}$ $+61394269978506687505024 z^{31}$ $+27988564221101476847393 z^{30}$ $+12168925052057743703552 z^{29}$ $+5041427503251793612763 z^{28}$ $+1988159752224190087088 z^{27}$ $+745562369231262929367 z^{26}$ $+265543662809214744864 z^{25}$ $+89709001127490316845 z^{24}$ $+28708141916245484784 z^{23}$ $+8687373133301802849 z^{22}$ $+2482288039949337984 z^{21}$ $+668319902635891779 z^{20}$ $+169137320538094944 z^{19}$ $+40216880747657901 z^{18}$ $+8910538821935296 z^{17}$ $+1859498244818641 z^{16}$ $+353694272565088 z^{15} + 64780993860359 z^{14}$ $+10186001478016 z^{13} + 1667075160205 z^{12}$ $+200246127536 z^{11} + 31078422921 z^{10}$ $+2398157216 z^9 + 415083851 z^8 + 13176688 z^7$ $+4328415 z^6 + 40621 z^4 + 294 z^2 + 1$	
		$z^{98} + 294 z^{96} + 40621 z^{94} + 4328415 z^{92}$ $+ 13176688 z^{91} + 415083851 z^{90}$ $+ 2398157216 z^{89} + 31078422921 z^{88}$ $+ 200246127536 z^{87} + 1667075160205 z^{86}$ $+ 10186001478016 z^{85} + 64780993860359 z^{84}$ $+ 353694272565088 z^{83}$ $+ 1859498244818641 z^{82}$ $+ 8910538821935296 z^{81}$	

{[98, 2, 89]}

$$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned} &+40216880747657901 z^{80} \\ &+169137320538094944 z^{79} \\ &+668319902635891779 z^{78} \\ &+2482288039949337984 z^{77} \\ &+8687373133301802849 z^{76} \\ &+28708141916245484784 z^{75} \\ &+89709001127490316845 z^{74} \\ &+265543662809214744864 z^{73} \\ &+745562369231262929367 z^{72} \\ &+1988159752224190087088 z^{71} \\ &+5041427503251793612763 z^{70} \\ &+12168925052057743703552 z^{69} \\ &+27988564221101476847393 z^{68} \\ &+61394269978506687505024 z^{67} \\ &+128544177531500365379304 z^{66} \\ &+257088512382272570644736 z^{65} \\ &+491492566356519192147137 z^{64} \\ &+898729330965350518175360 z^{63} \\ &+1572776508343442682507682 z^{62} \\ &+2635462893928106504697344 z^{61} \\ &+4230612010998485909436822 z^{60} \\ &+6508633614394324367220448 z^{59} \\ &+9600234243964292287305646 z^{58} \\ &+13580820089428577076669760 z^{57} \\ &+18431111930078759853814138 z^{56} \\ &+24003309059752895623782752 z^{55} \\ &+30004136845838075114397378 z^{54} \\ &+36004962819350451343103232 z^{53} \\ &+41483980393414190899318086 z^{52} \\ &+45897169142842242292931136 z^{51} \\ &+48765741573216661537310130 z^{50} \end{aligned}$$

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

+49760962360681635485535360 z^{49}
 +48765741573216661537310130 z^{48}
 +45897169142842242292931136 z^{47}
 +41483980393414190899318086 z^{46}
 +36004962819350451343103232 z^{45}
 +30004136845838075114397378 z^{44}
 +24003309059752895623782752 z^{43}
 +18431111930078759853814138 z^{42}
 +13580820089428577076669760 z^{41}
 +9600234243964292287305646 z^{40}
 +6508633614394324367220448 z^{39}
 +4230612010998485909436822 z^{38}
 +2635462893928106504697344 z^{37}
 +1572776508343442682507682 z^{36}
 +898729330965350518175360 z^{35}
 +491492566356519192147137 z^{34}
 +257088512382272570644736 z^{33}
 +128544177531500365379304 z^{32}
 +61394269978506687505024 z^{31}
 +27988564221101476847393 z^{30}
 +12168925052057743703552 z^{29}
 +5041427503251793612763 z^{28}
 +1988159752224190087088 z^{27}
 +745562369231262929367 z^{26}
 +265543662809214744864 z^{25}
 +89709001127490316845 z^{24}
 +28708141916245484784 z^{23}
 +8687373133301802849 z^{22}
 +2482288039949337984 z^{21}
 +668319902635891779 z^{20}
 +169137320538094944 z^{19}

		$+40216880747657901 z^{18}$ $+8910538821935296 z^{17}$ $+1859498244818641 z^{16}$ $+353694272565088 z^{15} + 64780993860359 z^{14}$ $+10186001478016 z^{13} + 1667075160205 z^{12}$ $+200246127536 z^{11} + 31078422921 z^{10}$ $+2398157216 z^9 + 415083851 z^8 + 13176688 z^7$ $+4328415 z^6 + 40621 z^4 + 294 z^2 + 1$	
$\{[99, 2, 90]\}$	$x^9 + 1$	$2357947691 z^{90} + 318322938285 z^{88}$ $+19990680524298 z^{86} + 776071323538830 z^{84}$ $+20882218188317409 z^{82}$ $+414028004901368319 z^{80}$ $+6280432605123596172 z^{78}$ $+74745088338631336164 z^{76}$ $+710536660558460447481 z^{74}$ $+5467911715170499996863 z^{72}$ $+34421602088488218858738 z^{70}$ $+178764799847534270102502 z^{68}$ $+771259997940119809313115 z^{66}$ $+2780440490884295714901525 z^{64}$ $+8416492657854819329156112 z^{62}$ $+21478511738663920727391792 z^{60}$ $+46362091356816165434570814 z^{58}$ $+84868791742050032119642866 z^{56}$ $+132018202075827522198192372 z^{54}$ $+174762371569455754745419836 z^{52}$ $+197053434108276410294219898 z^{50}$ $+189325755902110172791634694 z^{48}$ $+154977840351174773405673288 z^{46}$ $+108014926600839498504315480 z^{44}$ $+64023905096049280344992898 z^{42}$	$\left\{ \left[\frac{99}{2}, \frac{3\sqrt{11}}{2} \right] \right\}$

		$+32217729057181703749050414 z^{40}$ $+13732128279563128256121300 z^{38}$ $+4943007736248633257945244 z^{36}$ $+1497168274114141748187750 z^{34}$ $+379879975542779037101754 z^{32}$ $+80314512741966414498576 z^{30}$ $+14058398644543782576432 z^{28}$ $+2022017850306450641799 z^{26}$ $+236869499505923719281 z^{24}$ $+22374141470608817538 z^{22}$ $+1685455145662649526 z^{20}$ $+100107938560574197 z^{18}$ $+4636597132914219 z^{16}$ $+165730777179660 z^{14} + 4522754572644 z^{12}$ $+92958488469 z^{10} + 1410289155 z^8$ $+15286458 z^6 + 111870 z^4 + 495 z^2 + 1$	
		$z^{100} + 450 z^{98} + 93225 z^{96} + 11787600 z^{94}$ $+ 1017056700 z^{92} + 73447198760 z^{90}$ $+ 4159987560300 z^{88} + 172781313908400 z^{86}$ $+ 5256258348034650 z^{84}$ $+ 119776364857735300 z^{82}$ $+ 2093693605791418170 z^{80}$ $+ 28640990909226841200 z^{78}$ $+ 311625209548320911100 z^{76}$ $+ 2732713180493064798600 z^{74}$ $+ 19526617103958295778700 z^{72}$ $+ 114735707642958949215120 z^{70}$ $+ 558642574157335958597175 z^{68}$ $+ 2268427444386109472517150 z^{66}$ $+ 7723455444586006080587775 z^{64}$ $+ 22148628865207798634272800 z^{62}$	

$\{[100, 2, 91]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+53696227005658918755483960 z^{60} \\ &+110385972223783300579141200 z^{58} \\ &+192883733767450246092600600 z^{56} \\ &+286996086442187501324536800 z^{54} \\ &+364088120509288623824729100 z^{52} \\ &+394106814971286643088638776 z^{50} \\ &+364088120509288623824729100 z^{48} \\ &+286996086442187501324536800 z^{46} \\ &+192883733767450246092600600 z^{44} \\ &+110385972223783300579141200 z^{42} \\ &+53696227005658918755483960 z^{40} \\ &+22148628865207798634272800 z^{38} \\ &+7723455444586006080587775 z^{36} \\ &+2268427444386109472517150 z^{34} \\ &+558642574157335958597175 z^{32} \\ &+114735707642958949215120 z^{30} \\ &+19526617103958295778700 z^{28} \\ &+2732713180493064798600 z^{26} \\ &+311625209548320911100 z^{24} \\ &+28640990909226841200 z^{22} \\ &+2093693605791418170 z^{20} \\ &+119776364857735300 z^{18} \\ &+5256258348034650 z^{16} \\ &+172781313908400 z^{14} + 4159987560300 z^{12} \\ &+73447198760 z^{10} + 1017056700 z^8 \\ &+11787600 z^6 + 93225 z^4 + 450 z^2 + 1 \end{aligned} $	$\{[50, 5]\}$
		$ \begin{aligned} &z^{102} + 51 z^{100} + 17595 z^{98} + 5235609 z^{96} \\ &+ 856713708 z^{94} + 83208272964 z^{92} \\ &+ 5277281579060 z^{90} + 232259747085756 z^{88} \\ &+ 7409079420409962 z^{86} \\ &+ 176994693544397278 z^{84} \end{aligned} $	

$$\{[102, 2, 93]\}$$

$$x^9 + x^4 + x^2 + 1$$

$$\begin{aligned}
&+3247386825103148862 z^{82} \\
&+46686457324161742986 z^{80} \\
&+534526105720338100620 z^{78} \\
&+4939021217049671267748 z^{76} \\
&+37238652030253432964340 z^{74} \\
&+231222066987575664838524 z^{72} \\
&+1191539522582687483248743 z^{70} \\
&+5129354629382010604434117 z^{68} \\
&+18547094993092885987664493 z^{66} \\
&+56591065092881907778157919 z^{64} \\
&+146266137470714279670990360 z^{62} \\
&+321241888451933901914943816 z^{60} \\
&+601055118985302291217960872 z^{58} \\
&+959946001625478040681550136 z^{56} \\
&+1310564576687606985237026220 z^{54} \\
&+1530953395297719966584745156 z^{52} \\
&+1530953395297719966584745156 z^{50} \\
&+1310564576687606985237026220 z^{48} \\
&+959946001625478040681550136 z^{46} \\
&+601055118985302291217960872 z^{44} \\
&+321241888451933901914943816 z^{42} \\
&+146266137470714279670990360 z^{40} \\
&+56591065092881907778157919 z^{38} \\
&+18547094993092885987664493 z^{36} \\
&+5129354629382010604434117 z^{34} \\
&+1191539522582687483248743 z^{32} \\
&+231222066987575664838524 z^{30} \\
&+37238652030253432964340 z^{28} \\
&+4939021217049671267748 z^{26} \\
&+534526105720338100620 z^{24} \\
&+46686457324161742986 z^{22}
\end{aligned}$$

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

		$+3247386825103148862 z^{20}$ $+176994693544397278 z^{18}$ $+7409079420409962 z^{16}$ $+232259747085756 z^{14} + 5277281579060 z^{12}$ $+83208272964 z^{10} + 856713708 z^8 + 5235609 z^6$ $+17595 z^4 + 51 z^2 + 1$	
$\{[102, 2, 93]\}$	$x^9 + x^6 + x^5 + x^4 + x^3 + 1$	$z^{102} + 255 z^{100} + 30855 z^{98} + 5528825 z^{96}$ $+ 857107020 z^{94} + 83182648116 z^{92}$ $+ 5277277879588 z^{90} + 232260813968220 z^{88}$ $+ 7409077453613322 z^{86}$ $+ 176994666422503030 z^{84}$ $+ 3247386980165461974 z^{82}$ $+ 46686457178334662058 z^{80}$ $+ 534526104206298660780 z^{78}$ $+ 4939021223989125546708 z^{76}$ $+ 37238652019651992874020 z^{74}$ $+ 231222066974075406872412 z^{72}$ $+ 1191539522679379579290951 z^{70}$ $+ 5129354629182929531301945 z^{68}$ $+ 18547094993236151736237793 z^{66}$ $+ 56591065093133632058273055 z^{64}$ $+ 146266137469894970675878872 z^{62}$ $+ 321241888452857249012607784 z^{60}$ $+ 601055118985258997076211080 z^{58}$ $+ 959946001624111504004263800 z^{56}$ $+ 1310564576689579874269053420 z^{54}$ $+ 1530953395296778964316021012 z^{52}$ $+ 1530953395296778964316021012 z^{50}$ $+ 1310564576689579874269053420 z^{48}$ $+ 959946001624111504004263800 z^{46}$ $+ 601055118985258997076211080 z^{44}$	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$

		$ \begin{aligned} &+321241888452857249012607784 z^{42} \\ &+146266137469894970675878872 z^{40} \\ &+56591065093133632058273055 z^{38} \\ &+18547094993236151736237793 z^{36} \\ &+5129354629182929531301945 z^{34} \\ &+1191539522679379579290951 z^{32} \\ &+231222066974075406872412 z^{30} \\ &+37238652019651992874020 z^{28} \\ &+4939021223989125546708 z^{26} \\ &+534526104206298660780 z^{24} \\ &+46686457178334662058 z^{22} \\ &+3247386980165461974 z^{20} \\ &+176994666422503030 z^{18} \\ &+7409077453613322 z^{16} \\ &+232260813968220 z^{14} + 5277277879588 z^{12} \\ &+83182648116 z^{10} + 857107020 z^8 + 5528825 z^6 \\ &+30855 z^4 + 255 z^2 + 1 \end{aligned} $	
		$ \begin{aligned} &z^{102} + 51 z^{100} + 17595 z^{98} + 5235609 z^{96} \\ &+ 856713708 z^{94} + 83208272964 z^{92} \\ &+ 5277281579060 z^{90} + 232259747085756 z^{88} \\ &+ 7409079420409962 z^{86} \\ &+ 176994693544397278 z^{84} \\ &+ 3247386825103148862 z^{82} \\ &+ 46686457324161742986 z^{80} \\ &+ 534526105720338100620 z^{78} \\ &+ 4939021217049671267748 z^{76} \\ &+ 37238652030253432964340 z^{74} \\ &+ 231222066987575664838524 z^{72} \\ &+ 1191539522582687483248743 z^{70} \\ &+ 5129354629382010604434117 z^{68} \\ &+ 18547094993092885987664493 z^{66} \end{aligned} $	

$\{[102, 2, 93]\}$	$x^9 + x^7 + x^5 + 1$	$ \begin{aligned} &+56591065092881907778157919 z^{64} \\ &+146266137470714279670990360 z^{62} \\ &+321241888451933901914943816 z^{60} \\ &+601055118985302291217960872 z^{58} \\ &+959946001625478040681550136 z^{56} \\ &+1310564576687606985237026220 z^{54} \\ &+1530953395297719966584745156 z^{52} \\ &+1530953395297719966584745156 z^{50} \\ &+1310564576687606985237026220 z^{48} \\ &+959946001625478040681550136 z^{46} \\ &+601055118985302291217960872 z^{44} \\ &+321241888451933901914943816 z^{42} \\ &+146266137470714279670990360 z^{40} \\ &+56591065092881907778157919 z^{38} \\ &+18547094993092885987664493 z^{36} \\ &+5129354629382010604434117 z^{34} \\ &+1191539522582687483248743 z^{32} \\ &+231222066987575664838524 z^{30} \\ &+37238652030253432964340 z^{28} \\ &+4939021217049671267748 z^{26} \\ &+534526105720338100620 z^{24} \\ &+46686457324161742986 z^{22} \\ &+3247386825103148862 z^{20} \\ &+176994693544397278 z^{18} \\ &+7409079420409962 z^{16} \\ &+232259747085756 z^{14} + 5277281579060 z^{12} \\ &+83208272964 z^{10} + 856713708 z^8 + 5235609 z^6 \\ &+17595 z^4 + 51 z^2 + 1 \end{aligned} $	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$
		$ \begin{aligned} &z^{102} + 51 z^{100} + 17595 z^{98} + 5235609 z^{96} \\ &+ 856713708 z^{94} + 83208272964 z^{92} \\ &+ 5277281579060 z^{90} + 232259747085756 z^{88} \end{aligned} $	

$$\{[102, 2, 93]\}$$

$$x^9 + x^7 + x^6 + x^4 + x + 1$$

$$\begin{aligned}
&+7409079420409962 z^{86} \\
&+176994693544397278 z^{84} \\
&+3247386825103148862 z^{82} \\
&+46686457324161742986 z^{80} \\
&+534526105720338100620 z^{78} \\
&+4939021217049671267748 z^{76} \\
&+37238652030253432964340 z^{74} \\
&+231222066987575664838524 z^{72} \\
&+1191539522582687483248743 z^{70} \\
&+5129354629382010604434117 z^{68} \\
&+18547094993092885987664493 z^{66} \\
&+56591065092881907778157919 z^{64} \\
&+146266137470714279670990360 z^{62} \\
&+321241888451933901914943816 z^{60} \\
&+601055118985302291217960872 z^{58} \\
&+959946001625478040681550136 z^{56} \\
&+1310564576687606985237026220 z^{54} \\
&+1530953395297719966584745156 z^{52} \\
&+1530953395297719966584745156 z^{50} \\
&+1310564576687606985237026220 z^{48} \\
&+959946001625478040681550136 z^{46} \\
&+601055118985302291217960872 z^{44} \\
&+321241888451933901914943816 z^{42} \\
&+146266137470714279670990360 z^{40} \\
&+56591065092881907778157919 z^{38} \\
&+18547094993092885987664493 z^{36} \\
&+5129354629382010604434117 z^{34} \\
&+1191539522582687483248743 z^{32} \\
&+231222066987575664838524 z^{30} \\
&+37238652030253432964340 z^{28} \\
&+4939021217049671267748 z^{26}
\end{aligned}$$

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

		$+534526105720338100620 z^{24}$ $+46686457324161742986 z^{22}$ $+3247386825103148862 z^{20}$ $+176994693544397278 z^{18}$ $+7409079420409962 z^{16}$ $+232259747085756 z^{14} + 5277281579060 z^{12}$ $+83208272964 z^{10} + 856713708 z^8 + 5235609 z^6$ $+17595 z^4 + 51 z^2 + 1$	
$\{[102, 2, 93]\}$	$x^9 + x^8 + x^6 + x^3 + x + 1$	$z^{102} + 255 z^{100} + 30855 z^{98} + 5528825 z^{96}$ $+ 857107020 z^{94} + 83182648116 z^{92}$ $+ 5277277879588 z^{90} + 232260813968220 z^{88}$ $+ 7409077453613322 z^{86}$ $+ 176994666422503030 z^{84}$ $+ 3247386980165461974 z^{82}$ $+ 46686457178334662058 z^{80}$ $+ 534526104206298660780 z^{78}$ $+ 4939021223989125546708 z^{76}$ $+ 37238652019651992874020 z^{74}$ $+ 231222066974075406872412 z^{72}$ $+ 1191539522679379579290951 z^{70}$ $+ 5129354629182929531301945 z^{68}$ $+ 18547094993236151736237793 z^{66}$ $+ 56591065093133632058273055 z^{64}$ $+ 146266137469894970675878872 z^{62}$ $+ 321241888452857249012607784 z^{60}$ $+ 601055118985258997076211080 z^{58}$ $+ 959946001624111504004263800 z^{56}$ $+ 1310564576689579874269053420 z^{54}$ $+ 1530953395296778964316021012 z^{52}$ $+ 1530953395296778964316021012 z^{50}$ $+ 1310564576689579874269053420 z^{48}$	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$

		$+959946001624111504004263800 z^{46}$ $+601055118985258997076211080 z^{44}$ $+321241888452857249012607784 z^{42}$ $+146266137469894970675878872 z^{40}$ $+56591065093133632058273055 z^{38}$ $+18547094993236151736237793 z^{36}$ $+5129354629182929531301945 z^{34}$ $+1191539522679379579290951 z^{32}$ $+231222066974075406872412 z^{30}$ $+37238652019651992874020 z^{28}$ $+4939021223989125546708 z^{26}$ $+534526104206298660780 z^{24}$ $+46686457178334662058 z^{22}$ $+3247386980165461974 z^{20}$ $+176994666422503030 z^{18}$ $+7409077453613322 z^{16}$ $+232260813968220 z^{14} + 5277277879588 z^{12}$ $+83182648116 z^{10} + 857107020 z^8 + 5528825 z^6$ $+30855 z^4 + 255 z^2 + 1$	
		$z^{102} + 51 z^{100} + 17595 z^{98} + 5235609 z^{96}$ $+ 856713708 z^{94} + 83208272964 z^{92}$ $+ 5277281579060 z^{90} + 232259747085756 z^{88}$ $+ 7409079420409962 z^{86}$ $+ 176994693544397278 z^{84}$ $+ 3247386825103148862 z^{82}$ $+ 46686457324161742986 z^{80}$ $+ 534526105720338100620 z^{78}$ $+ 4939021217049671267748 z^{76}$ $+ 37238652030253432964340 z^{74}$ $+ 231222066987575664838524 z^{72}$ $+ 1191539522582687483248743 z^{70}$	

$\{[102, 2, 93]\}$	$x^9 + x^8 + x^5 + x^3 + x^2 + 1$	$ \begin{aligned} &+5129354629382010604434117 z^{68} \\ &+18547094993092885987664493 z^{66} \\ &+56591065092881907778157919 z^{64} \\ &+146266137470714279670990360 z^{62} \\ &+321241888451933901914943816 z^{60} \\ &+601055118985302291217960872 z^{58} \\ &+959946001625478040681550136 z^{56} \\ &+1310564576687606985237026220 z^{54} \\ &+1530953395297719966584745156 z^{52} \\ &+1530953395297719966584745156 z^{50} \\ &+1310564576687606985237026220 z^{48} \\ &+959946001625478040681550136 z^{46} \\ &+601055118985302291217960872 z^{44} \\ &+321241888451933901914943816 z^{42} \\ &+146266137470714279670990360 z^{40} \\ &+56591065092881907778157919 z^{38} \\ &+18547094993092885987664493 z^{36} \\ &+5129354629382010604434117 z^{34} \\ &+1191539522582687483248743 z^{32} \\ &+231222066987575664838524 z^{30} \\ &+37238652030253432964340 z^{28} \\ &+4939021217049671267748 z^{26} \\ &+534526105720338100620 z^{24} \\ &+46686457324161742986 z^{22} \\ &+3247386825103148862 z^{20} \\ &+176994693544397278 z^{18} \\ &+7409079420409962 z^{16} \\ &+232259747085756 z^{14} + 5277281579060 z^{12} \\ &+83208272964 z^{10} + 856713708 z^8 + 5235609 z^6 \\ &+17595 z^4 + 51 z^2 + 1 \end{aligned} $	$\left\{ \left[51, \frac{\sqrt{102}}{2} \right] \right\}$
		$z^{105} + 210 z^{103} + 2625 z^{102} + 34230 z^{101} + 488250 z^{100}$	

$$\begin{aligned}
&+5984125 z^{99} + 66469950 z^{98} + 689157000 z^{97} \\
&+ 6673738925 z^{96} + 60158815500 z^{95} \\
&+ 502131429240 z^{94} + 3865754232900 z^{93} \\
&+ 27426577079580 z^{92} + 179569188069600 z^{91} \\
&+ 1087774407101396 z^{90} \\
&+ 6115598157015270 z^{89} \\
&+ 32012787833646480 z^{88} \\
&+ 156506277243955240 z^{87} \\
&+ 716649850848695190 z^{86} \\
&+ 3081649366059355896 z^{85} \\
&+ 12473453976637285800 z^{84} \\
&+ 47626047158613610470 z^{83} \\
&+ 171867899691080086200 z^{82} \\
&+ 587214859377466611760 z^{81} \\
&+ 1902574949130677445750 z^{80} \\
&+ 5854075125602536540260 z^{79} \\
&+ 17128589573786365124800 z^{78} \\
&+ 47715359687635916678220 z^{77} \\
&+ 126692515209948117815700 z^{76} \\
&+ 320954382987076825097272 z^{75} \\
&+ 776502543112946357396220 z^{74} \\
&+ 1795662113222642740080075 z^{73} \\
&+ 3972222207173976227080840 z^{72} \\
&+ 8411764626813955610558250 z^{71} \\
&+ 17063865383141008543763547 z^{70} \\
&+ 33179738330708288924751230 z^{69} \\
&+ 61875728396374943637693330 z^{68} \\
&+ 110724987779337223623446535 z^{67} \\
&+ 190219850739380434468558790 z^{66} \\
&+ 313862753419668489265732272 z^{65} \\
&+ 497587291619536835599264935 z^{64}
\end{aligned}$$

+758228253740607310985944760 z^{63}
 +1110892558129175468846319120 z^{62}
 +1565348605339989558250610280 z^{61}
 +2121916998946244558033978968 z^{60}
 +2767717824655617202333322400 z^{59}
 +3474369183318131072124804360 z^{58}
 +4198196095445215136591258500 z^{57}
 +4883615865650209425052010880 z^{56}
 +5469649770082916851218705696 z^{55}
 +5898641910149541774988500580 z^{54}
 +6125512753842023223316625760 z^{53}
 +6125512753842023223316625760 z^{52}
 +5898641910149541774988500580 z^{51}
 +5469649770082916851218705696 z^{50}
 +4883615865650209425052010880 z^{49}
 +4198196095445215136591258500 z^{48}
 +3474369183318131072124804360 z^{47}
 +2767717824655617202333322400 z^{46}
 +2121916998946244558033978968 z^{45}
 +1565348605339989558250610280 z^{44}
 +1110892558129175468846319120 z^{43}
 +758228253740607310985944760 z^{42}
 +497587291619536835599264935 z^{41}
 +313862753419668489265732272 z^{40}
 +190219850739380434468558790 z^{39}
 +110724987779337223623446535 z^{38}
 +61875728396374943637693330 z^{37}
 +33179738330708288924751230 z^{36}
 +17063865383141008543763547 z^{35}
 +8411764626813955610558250 z^{34}
 +3972222207173976227080840 z^{33}

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

		$+1795662113222642740080075 z^{32}$ $+776502543112946357396220 z^{31}$ $+320954382987076825097272 z^{30}$ $+126692515209948117815700 z^{29}$ $+47715359687635916678220 z^{28}$ $+17128589573786365124800 z^{27}$ $+5854075125602536540260 z^{26}$ $+1902574949130677445750 z^{25}$ $+587214859377466611760 z^{24}$ $+171867899691080086200 z^{23}$ $+47626047158613610470 z^{22}$ $+12473453976637285800 z^{21}$ $+3081649366059355896 z^{20}$ $+716649850848695190 z^{19}$ $+156506277243955240 z^{18}$ $+32012787833646480 z^{17}$ $+6115598157015270 z^{16}$ $+1087774407101396 z^{15}$ $+179569188069600 z^{14} + 27426577079580 z^{13}$ $+3865754232900 z^{12} + 502131429240 z^{11}$ $+60158815500 z^{10} + 6673738925 z^9$ $+689157000 z^8 + 66469950 z^7 + 5984125 z^6$ $+488250 z^5 + 34230 z^4 + 2625 z^3 + 210 z^2 + 1$	
		$z^{105} + 15750 z^{101} + 126000 z^{100} + 3674790 z^{99}$ $+ 40433610 z^{98} + 569800770 z^{97}$ $+ 5737641315 z^{96} + 56928650310 z^{95}$ $+ 484406764170 z^{94} + 3818756701550 z^{93}$ $+ 27251335879530 z^{92} + 179229973587630 z^{91}$ $+ 1087093333854402 z^{90}$ $+ 6115017775936440 z^{89}$ $+ 32014654980648270 z^{88}$	

+156512994996583470 z^{87}
+716671640769095970 z^{86}
+3081679516499496570 z^{85}
+12473463159933248690 z^{84}
+47625985995497659050 z^{83}
+171867597696097066470 z^{82}
+587214408851405376230 z^{81}
+1902574680725844471696 z^{80}
+5854075600341070400970 z^{79}
+17128592364643079652710 z^{78}
+47715363614963073915090 z^{77}
+126692516899455960787110 z^{76}
+320954378783092201353458 z^{75}
+776502524715115582337310 z^{74}
+1795662091346243599454745 z^{73}
+3972222206530864632618090 z^{72}
+8411764658363317704832050 z^{71}
+17063865466221728396966910 z^{70}
+33179738405717515472464940 z^{69}
+61875728349473073422931390 z^{68}
+110724987621073101541375740 z^{67}
+190219850500434667291646820 z^{66}
+313862753290390085402286708 z^{65}
+497587291899440443141588035 z^{64}
+758228254232201334602496060 z^{63}
+1110892558515120721692179940 z^{62}
+1565348605322992815783566220 z^{61}
+2121916998145449493893681700 z^{60}
+2767717823727433358878190220 z^{59}
+3474369183124753012310365140 z^{58}
+4198196096013336105944932600 z^{57}

+4883615866951911730362779820 z^{56}
 +5469649771079692085274838668 z^{55}
 +5898641909701011211735271060 z^{54}
 +6125512752626870079832348980 z^{53}
 +6125512752626870079832348980 z^{52}
 +5898641909701011211735271060 z^{51}
 +5469649771079692085274838668 z^{50}
 +4883615866951911730362779820 z^{49}
 +4198196096013336105944932600 z^{48}
 +3474369183124753012310365140 z^{47}
 +2767717823727433358878190220 z^{46}
 +2121916998145449493893681700 z^{45}
 +1565348605322992815783566220 z^{44}
 +1110892558515120721692179940 z^{43}
 +758228254232201334602496060 z^{42}
 +497587291899440443141588035 z^{41}
 +313862753290390085402286708 z^{40}
 +190219850500434667291646820 z^{39}
 +110724987621073101541375740 z^{38}
 +61875728349473073422931390 z^{37}
 +33179738405717515472464940 z^{36}
 +17063865466221728396966910 z^{35}
 +8411764658363317704832050 z^{34}
 +3972222206530864632618090 z^{33}
 +1795662091346243599454745 z^{32}
 +776502524715115582337310 z^{31}
 +320954378783092201353458 z^{30}
 +126692516899455960787110 z^{29}
 +47715363614963073915090 z^{28}
 +17128592364643079652710 z^{27}
 +5854075600341070400970 z^{26}

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

		$+1902574680725844471696 z^{25}$ $+587214408851405376230 z^{24}$ $+171867597696097066470 z^{23}$ $+47625985995497659050 z^{22}$ $+12473463159933248690 z^{21}$ $+3081679516499496570 z^{20}$ $+716671640769095970 z^{19}$ $+156512994996583470 z^{18}$ $+32014654980648270 z^{17}$ $+6115017775936440 z^{16}$ $+1087093333854402 z^{15}$ $+179229973587630 z^{14} + 27251335879530 z^{13}$ $+3818756701550 z^{12} + 484406764170 z^{11}$ $+56928650310 z^{10} + 5737641315 z^9$ $+569800770 z^8 + 40433610 z^7 + 3674790 z^6$ $+126000 z^5 + 15750 z^4 + 1$	
		$z^{105} + 210 z^{103} + 2625 z^{102} + 34230 z^{101} + 488250 z^{100}$ $+ 5984125 z^{99} + 66469950 z^{98} + 689157000 z^{97}$ $+ 6673738925 z^{96} + 60158815500 z^{95}$ $+ 502131429240 z^{94} + 3865754232900 z^{93}$ $+ 27426577079580 z^{92} + 179569188069600 z^{91}$ $+ 1087774407101396 z^{90}$ $+ 6115598157015270 z^{89}$ $+ 32012787833646480 z^{88}$ $+ 156506277243955240 z^{87}$ $+ 716649850848695190 z^{86}$ $+ 3081649366059355896 z^{85}$ $+ 12473453976637285800 z^{84}$ $+ 47626047158613610470 z^{83}$ $+ 171867899691080086200 z^{82}$ $+ 587214859377466611760 z^{81}$	

$\{[105, 2, 96]\}$

$x^9 + x^6 + 1$

+1902574949130677445750 z^{80}
+5854075125602536540260 z^{79}
+17128589573786365124800 z^{78}
+47715359687635916678220 z^{77}
+126692515209948117815700 z^{76}
+320954382987076825097272 z^{75}
+776502543112946357396220 z^{74}
+1795662113222642740080075 z^{73}
+3972222207173976227080840 z^{72}
+8411764626813955610558250 z^{71}
+17063865383141008543763547 z^{70}
+33179738330708288924751230 z^{69}
+61875728396374943637693330 z^{68}
+110724987779337223623446535 z^{67}
+190219850739380434468558790 z^{66}
+313862753419668489265732272 z^{65}
+497587291619536835599264935 z^{64}
+758228253740607310985944760 z^{63}
+1110892558129175468846319120 z^{62}
+1565348605339989558250610280 z^{61}
+2121916998946244558033978968 z^{60}
+2767717824655617202333322400 z^{59}
+3474369183318131072124804360 z^{58}
+4198196095445215136591258500 z^{57}
+4883615865650209425052010880 z^{56}
+5469649770082916851218705696 z^{55}
+5898641910149541774988500580 z^{54}
+6125512753842023223316625760 z^{53}
+6125512753842023223316625760 z^{52}
+5898641910149541774988500580 z^{51}
+5469649770082916851218705696 z^{50}

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

+4883615865650209425052010880 z^{49}
+4198196095445215136591258500 z^{48}
+3474369183318131072124804360 z^{47}
+2767717824655617202333322400 z^{46}
+2121916998946244558033978968 z^{45}
+1565348605339989558250610280 z^{44}
+1110892558129175468846319120 z^{43}
+758228253740607310985944760 z^{42}
+497587291619536835599264935 z^{41}
+313862753419668489265732272 z^{40}
+190219850739380434468558790 z^{39}
+110724987779337223623446535 z^{38}
+61875728396374943637693330 z^{37}
+33179738330708288924751230 z^{36}
+17063865383141008543763547 z^{35}
+8411764626813955610558250 z^{34}
+3972222207173976227080840 z^{33}
+1795662113222642740080075 z^{32}
+776502543112946357396220 z^{31}
+320954382987076825097272 z^{30}
+126692515209948117815700 z^{29}
+47715359687635916678220 z^{28}
+17128589573786365124800 z^{27}
+5854075125602536540260 z^{26}
+1902574949130677445750 z^{25}
+587214859377466611760 z^{24}
+171867899691080086200 z^{23}
+47626047158613610470 z^{22}
+12473453976637285800 z^{21}
+3081649366059355896 z^{20}
+716649850848695190 z^{19}

		$+156506277243955240 z^{18}$ $+32012787833646480 z^{17}$ $+6115598157015270 z^{16}$ $+1087774407101396 z^{15}$ $+179569188069600 z^{14} + 27426577079580 z^{13}$ $+3865754232900 z^{12} + 502131429240 z^{11}$ $+60158815500 z^{10} + 6673738925 z^9$ $+689157000 z^8 + 66469950 z^7 + 5984125 z^6$ $+488250 z^5 + 34230 z^4 + 2625 z^3 + 210 z^2 + 1$	
		$z^{105} + 210 z^{102} + 11235 z^{101} + 183435 z^{100}$ $+3133690 z^{99} + 44499000 z^{98} + 544539660 z^{97}$ $+5869665305 z^{96} + 56343572040 z^{95}$ $+486606815520 z^{94} + 3811821945540 z^{93}$ $+27269049073140 z^{92} + 179196383293200 z^{91}$ $+1087125696869912 z^{90}$ $+6115081439607210 z^{89}$ $+32014247368870620 z^{88}$ $+156514106117129320 z^{87}$ $+716669849710449180 z^{86}$ $+3081680325088100190 z^{85}$ $+12473468040560270910 z^{84}$ $+47625968912766440700 z^{83}$ $+171867626754403743240 z^{82}$ $+587214391556152011820 z^{81}$ $+1902574628806861885386 z^{80}$ $+5854075780265869785720 z^{79}$ $+17128592098936232657680 z^{78}$ $+47715363704998370197860 z^{77}$ $+126692517417977452202100 z^{76}$ $+320954377461982054147168 z^{75}$ $+776502526131091295051880 z^{74}$	

$$\{[105, 2, 96]\}$$

$$x^9 + x^6 + x^4 + x^2 + 1$$

$$\begin{aligned}
&+1795662091659936772495335 z^{73} \\
&+3972222202747083787875100 z^{72} \\
&+8411764664689378148361240 z^{71} \\
&+17063865462647466958347990 z^{70} \\
&+33179738399512361850513845 z^{69} \\
&+61875728366736974829470205 z^{68} \\
&+110724987603707012904988830 z^{67} \\
&+190219850498494481146837040 z^{66} \\
&+313862753322530335502428248 z^{65} \\
&+497587291853033381522087775 z^{64} \\
&+758228254252081910471038160 z^{63} \\
&+1110892558555220936805730560 z^{62} \\
&+1565348605237140652895716680 z^{61} \\
&+2121916998210237692116654120 z^{60} \\
&+2767717823752400544399585120 z^{59} \\
&+3474369183008758445409504240 z^{58} \\
&+4198196096135220516031859500 z^{57} \\
&+4883615866932235447396573560 z^{56} \\
&+5469649770965035285542209808 z^{55} \\
&+5898641909864656072978638760 z^{54} \\
&+6125512752550451995194906180 z^{53} \\
&+6125512752550451995194906180 z^{52} \\
&+5898641909864656072978638760 z^{51} \\
&+5469649770965035285542209808 z^{50} \\
&+4883615866932235447396573560 z^{49} \\
&+4198196096135220516031859500 z^{48} \\
&+3474369183008758445409504240 z^{47} \\
&+2767717823752400544399585120 z^{46} \\
&+2121916998210237692116654120 z^{45} \\
&+1565348605237140652895716680 z^{44} \\
&+1110892558555220936805730560 z^{43}
\end{aligned}$$

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

$$\begin{aligned}
&+758228254252081910471038160 z^{42} \\
&+497587291853033381522087775 z^{41} \\
&+313862753322530335502428248 z^{40} \\
&+190219850498494481146837040 z^{39} \\
&+110724987603707012904988830 z^{38} \\
&+61875728366736974829470205 z^{37} \\
&+33179738399512361850513845 z^{36} \\
&+17063865462647466958347990 z^{35} \\
&+8411764664689378148361240 z^{34} \\
&+3972222202747083787875100 z^{33} \\
&+1795662091659936772495335 z^{32} \\
&+776502526131091295051880 z^{31} \\
&+320954377461982054147168 z^{30} \\
&+126692517417977452202100 z^{29} \\
&+47715363704998370197860 z^{28} \\
&+17128592098936232657680 z^{27} \\
&+5854075780265869785720 z^{26} \\
&+1902574628806861885386 z^{25} \\
&+587214391556152011820 z^{24} \\
&+171867626754403743240 z^{23} \\
&+47625968912766440700 z^{22} \\
&+12473468040560270910 z^{21} \\
&+3081680325088100190 z^{20} \\
&+716669849710449180 z^{19} \\
&+156514106117129320 z^{18} \\
&+32014247368870620 z^{17} \\
&+6115081439607210 z^{16} \\
&+1087125696869912 z^{15} \\
&+179196383293200 z^{14} + 27269049073140 z^{13} \\
&+3811821945540 z^{12} + 486606815520 z^{11} \\
&+56343572040 z^{10} + 5869665305 z^9
\end{aligned}$$

		$+544539660 z^8 + 44499000 z^7 + 3133690 z^6$ $+183435 z^5 + 11235 z^4 + 210 z^3 + 1$	
$\{[105, 2, 96]\}$	$x^9 + x^6 + x^5 + x^4 + x + 1$	$302526 z^{100} + 83446755 z^{98} + 11496240105 z^{96}$ $+968669812320 z^{94} + 54501551649720 z^{92}$ $+2174192398000420 z^{90}$ $+64029333620632380 z^{88}$ $+1433343117232355280 z^{86}$ $+24946926245376642220 z^{84}$ $+343735197771953779470 z^{82}$ $+3805149357499173165594 z^{80}$ $+34257184713785753520640 z^{78}$ $+253385033868321650399160 z^{76}$ $+1553005049380541723917860 z^{74}$ $+7944444412761953339447260 z^{72}$ $+34127730933344844163380240 z^{70}$ $+123751456698313345073652690 z^{68}$ $+380439700998942716698099365 z^{66}$ $+995174583804483557179707135 z^{64}$ $+2221785117024818806534032960 z^{62}$ $+4243833996288711493508576240 z^{60}$ $+6948738366261661728378312840 z^{58}$ $+9767231733890442745739642040 z^{56}$ $+11797283819404157464400558240 z^{54}$ $+12251025505264801580409850920 z^{52}$ $+10939299542146371812420664996 z^{50}$ $+8396392192030220637323467340 z^{48}$ $+5535435647460659270317088640 z^{46}$ $+3130697210639234896369360560 z^{44}$ $+1516456508466391681421419560 z^{42}$ $+627725506582454984922048600 z^{40}$ $+221449975240355320054273440 z^{38}$	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+66359476811852511776279490 z^{36}$ $+16823529317060952349243485 z^{34}$ $+3591324182415785121327735 z^{32}$ $+641908757616632819895904 z^{30}$ $+95430727260685638409560 z^{28}$ $+11708151182146839993300 z^{26}$ $+1174428819511933287820 z^{24}$ $+95251973426101445520 z^{22}$ $+6163358552648856300 z^{20}$ $+313025993813738030 z^{18}$ $+12230054769116730 z^{16}$ $+358458717160320 z^{14} + 7637050324120 z^{12}$ $+113873358900 z^{10} + 1146120780 z^8$ $+7897680 z^6 + 46830 z^4 + 315 z^2 + 1$	
		$z^{105} + 210 z^{102} + 11235 z^{101} + 183435 z^{100}$ $+ 3133690 z^{99} + 44499000 z^{98} + 544539660 z^{97}$ $+ 5869665305 z^{96} + 56343572040 z^{95}$ $+ 486606815520 z^{94} + 3811821945540 z^{93}$ $+ 27269049073140 z^{92} + 179196383293200 z^{91}$ $+ 1087125696869912 z^{90}$ $+ 6115081439607210 z^{89}$ $+ 32014247368870620 z^{88}$ $+ 156514106117129320 z^{87}$ $+ 716669849710449180 z^{86}$ $+ 3081680325088100190 z^{85}$ $+ 12473468040560270910 z^{84}$ $+ 47625968912766440700 z^{83}$ $+ 171867626754403743240 z^{82}$ $+ 587214391556152011820 z^{81}$ $+ 1902574628806861885386 z^{80}$ $+ 5854075780265869785720 z^{79}$	

$\{[105, 2, 96]\}$

$$x^9 + x^7 + x^5 + x^3 + 1$$

$$\begin{aligned}
&+17128592098936232657680 z^{78} \\
&+47715363704998370197860 z^{77} \\
&+126692517417977452202100 z^{76} \\
&+320954377461982054147168 z^{75} \\
&+776502526131091295051880 z^{74} \\
&+1795662091659936772495335 z^{73} \\
&+3972222202747083787875100 z^{72} \\
&+8411764664689378148361240 z^{71} \\
&+17063865462647466958347990 z^{70} \\
&+33179738399512361850513845 z^{69} \\
&+61875728366736974829470205 z^{68} \\
&+110724987603707012904988830 z^{67} \\
&+190219850498494481146837040 z^{66} \\
&+313862753322530335502428248 z^{65} \\
&+497587291853033381522087775 z^{64} \\
&+758228254252081910471038160 z^{63} \\
&+1110892558555220936805730560 z^{62} \\
&+1565348605237140652895716680 z^{61} \\
&+2121916998210237692116654120 z^{60} \\
&+2767717823752400544399585120 z^{59} \\
&+3474369183008758445409504240 z^{58} \\
&+4198196096135220516031859500 z^{57} \\
&+4883615866932235447396573560 z^{56} \\
&+5469649770965035285542209808 z^{55} \\
&+5898641909864656072978638760 z^{54} \\
&+6125512752550451995194906180 z^{53} \\
&+6125512752550451995194906180 z^{52} \\
&+5898641909864656072978638760 z^{51} \\
&+5469649770965035285542209808 z^{50} \\
&+4883615866932235447396573560 z^{49} \\
&+4198196096135220516031859500 z^{48}
\end{aligned}$$

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

+3474369183008758445409504240 z^{47}
+2767717823752400544399585120 z^{46}
+2121916998210237692116654120 z^{45}
+1565348605237140652895716680 z^{44}
+1110892558555220936805730560 z^{43}
+758228254252081910471038160 z^{42}
+497587291853033381522087775 z^{41}
+313862753322530335502428248 z^{40}
+190219850498494481146837040 z^{39}
+110724987603707012904988830 z^{38}
+61875728366736974829470205 z^{37}
+33179738399512361850513845 z^{36}
+17063865462647466958347990 z^{35}
+8411764664689378148361240 z^{34}
+3972222202747083787875100 z^{33}
+1795662091659936772495335 z^{32}
+776502526131091295051880 z^{31}
+320954377461982054147168 z^{30}
+126692517417977452202100 z^{29}
+47715363704998370197860 z^{28}
+17128592098936232657680 z^{27}
+5854075780265869785720 z^{26}
+1902574628806861885386 z^{25}
+587214391556152011820 z^{24}
+171867626754403743240 z^{23}
+47625968912766440700 z^{22}
+12473468040560270910 z^{21}
+3081680325088100190 z^{20}
+716669849710449180 z^{19}
+156514106117129320 z^{18}
+32014247368870620 z^{17}

		$+6115081439607210 z^{16}$ $+1087125696869912 z^{15}$ $+179196383293200 z^{14} + 27269049073140 z^{13}$ $+3811821945540 z^{12} + 486606815520 z^{11}$ $+56343572040 z^{10} + 5869665305 z^9$ $+544539660 z^8 + 44499000 z^7 + 3133690 z^6$ $+183435 z^5 + 11235 z^4 + 210 z^3 + 1$	
$\{[105, 2, 96]\}$	$x^9 + x^7 + x^6 + x^5 + x^3 + x^2 + x + 1$	$875 z^{102} + 425250 z^{100} + 90219150 z^{98}$ $+11741706725 z^{96} + 973085368080 z^{94}$ $+54538254889860 z^{92} + 2174255951972132 z^{90}$ $+64028476273313160 z^{88}$ $+1433339656561640730 z^{86}$ $+24946936550685147200 z^{84}$ $+343735252539247770600 z^{82}$ $+3805149255716828150334 z^{80}$ $+34257184210925211086040 z^{78}$ $+253385034817217671456620 z^{76}$ $+1553005052224412741869740 z^{74}$ $+7944444405691005881795280 z^{72}$ $+34127730925002192363407649 z^{70}$ $+123751456733376652070562210 z^{68}$ $+380439700998104718621529830 z^{66}$ $+995174583704260080408329175 z^{64}$ $+2221785117110922467579294400 z^{62}$ $+4243833996423540295484578920 z^{60}$ $+6948738366011617540058639400 z^{58}$ $+9767231733868693072533073200 z^{56}$ $+11797283819731167629777834460 z^{54}$ $+12251025505093719419134027920 z^{52}$ $+10939299541936822176418419072 z^{50}$ $+8396392192269191969260737300 z^{48}$	$\left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\}$

		$+5535435647500833910852842000 z^{46}$ $+3130697210479199388580797720 z^{44}$ $+1516456508501746875668553240 z^{42}$ $+627725506644812953266942528 z^{40}$ $+221449975208583074252431965 z^{38}$ $+66359476798263825436971270 z^{36}$ $+16823529329547852462987450 z^{34}$ $+3591324183395330255151075 z^{32}$ $+641908754855408647118064 z^{30}$ $+95430727427531334886740 z^{28}$ $+11708151563037772492020 z^{26}$ $+1174428780349313514760 z^{24}$ $+95251938374685404970 z^{22}$ $+6163360722347710896 z^{20}$ $+313028167779385240 z^{18}$ $+12230165543040270 z^{16}$ $+358394175744600 z^{14} + 7623467107900 z^{12}$ $+112666165500 z^{10} + 1090782000 z^8$ $+6640375 z^6 + 34230 z^4 + 210 z^2 + 1$	
		$1715 z^{102} + 508326 z^{100} + 93819075 z^{98}$ $+11777478545 z^{96} + 972978767460 z^{94}$ $+54535704424320 z^{92} + 2174262007771700 z^{90}$ $+64028549677468740 z^{88}$ $+1433339355949715550 z^{86}$ $+24946935852348670340 z^{84}$ $+343735258883711140110 z^{82}$ $+3805149247946902925874 z^{80}$ $+34257184168019025068100 z^{78}$ $+253385034984911423406960 z^{76}$ $+1553005052118058565788020 z^{74}$ $+7944444404988183708086100 z^{72}$	

$\{[105, 2, 96]\}$	$x^9 + x^7 + x^6 + x^3 + x^2 + 1$	$ \begin{aligned} &+34127730927017438796760965 z^{70} \\ &+123751456732064355875078370 z^{68} \\ &+380439700993809746138790885 z^{66} \\ &+995174583715959314554930575 z^{64} \\ &+2221785117101070503193692040 z^{62} \\ &+4243833996415576489528324800 z^{60} \\ &+6948738366040287391497038760 z^{58} \\ &+9767231733841450146407468040 z^{56} \\ &+11797283819728912810523262660 z^{54} \\ &+12251025505126675515360835800 z^{52} \\ &+10939299541902673862353244196 z^{50} \\ &+8396392192276869310128671100 z^{48} \\ &+5535435647517804496805397480 z^{46} \\ &+3130697210459830866865950240 z^{44} \\ &+1516456508508223709101521480 z^{42} \\ &+627725506648870332866581320 z^{40} \\ &+221449975203322759897016685 z^{38} \\ &+66359476800160344853912650 z^{36} \\ &+16823529329950228763450685 z^{34} \\ &+3591324182766262803514815 z^{32} \\ &+641908755043106446539924 z^{30} \\ &+95430727461822179004480 z^{28} \\ &+11708151525485020623780 z^{26} \\ &+1174428787121370150580 z^{24} \\ &+95251940268949391550 z^{22} \\ &+6163359834432790500 z^{20} \\ &+313028195841907630 z^{18} \\ &+12230201754399090 z^{16} \\ &+358390899906900 z^{14} + 7622631934960 z^{12} \\ &+112715692740 z^{10} + 1103767140 z^8 \\ &+7309435 z^6 + 46830 z^4 + 315 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{105}{2}, \frac{\sqrt{105}}{2} \right] \right\} $
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$\{[105, 2, 96]\}$

$$x^9 + x^8 + x^7 + x^6 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned}
& 875 z^{102} + 425250 z^{100} + 90219150 z^{98} \\
& + 11741706725 z^{96} + 973085368080 z^{94} \\
& + 54538254889860 z^{92} + 2174255951972132 z^{90} \\
& + 64028476273313160 z^{88} \\
& + 1433339656561640730 z^{86} \\
& + 24946936550685147200 z^{84} \\
& + 343735252539247770600 z^{82} \\
& + 3805149255716828150334 z^{80} \\
& + 34257184210925211086040 z^{78} \\
& + 253385034817217671456620 z^{76} \\
& + 1553005052224412741869740 z^{74} \\
& + 7944444405691005881795280 z^{72} \\
& + 34127730925002192363407649 z^{70} \\
& + 123751456733376652070562210 z^{68} \\
& + 380439700998104718621529830 z^{66} \\
& + 995174583704260080408329175 z^{64} \\
& + 2221785117110922467579294400 z^{62} \\
& + 4243833996423540295484578920 z^{60} \\
& + 6948738366011617540058639400 z^{58} \\
& + 9767231733868693072533073200 z^{56} \\
& + 11797283819731167629777834460 z^{54} \\
& + 12251025505093719419134027920 z^{52} \\
& + 10939299541936822176418419072 z^{50} \\
& + 8396392192269191969260737300 z^{48} \\
& + 5535435647500833910852842000 z^{46} \\
& + 3130697210479199388580797720 z^{44} \\
& + 1516456508501746875668553240 z^{42} \\
& + 627725506644812953266942528 z^{40} \\
& + 221449975208583074252431965 z^{38} \\
& + 66359476798263825436971270 z^{36} \\
& + 16823529329547852462987450 z^{34}
\end{aligned}$$

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

		$+3591324183395330255151075 z^{32}$ $+641908754855408647118064 z^{30}$ $+95430727427531334886740 z^{28}$ $+11708151563037772492020 z^{26}$ $+1174428780349313514760 z^{24}$ $+95251938374685404970 z^{22}$ $+6163360722347710896 z^{20}$ $+313028167779385240 z^{18}$ $+12230165543040270 z^{16}$ $+358394175744600 z^{14} + 7623467107900 z^{12}$ $+112666165500 z^{10} + 1090782000 z^8$ $+6640375 z^6 + 34230 z^4 + 210 z^2 + 1$	
		$z^{105} + 15750 z^{101} + 126000 z^{100} + 3674790 z^{99}$ $+ 40433610 z^{98} + 569800770 z^{97}$ $+ 5737641315 z^{96} + 56928650310 z^{95}$ $+ 484406764170 z^{94} + 3818756701550 z^{93}$ $+ 27251335879530 z^{92} + 179229973587630 z^{91}$ $+ 1087093333854402 z^{90}$ $+ 6115017775936440 z^{89}$ $+ 32014654980648270 z^{88}$ $+ 156512994996583470 z^{87}$ $+ 716671640769095970 z^{86}$ $+ 3081679516499496570 z^{85}$ $+ 12473463159933248690 z^{84}$ $+ 47625985995497659050 z^{83}$ $+ 171867597696097066470 z^{82}$ $+ 587214408851405376230 z^{81}$ $+ 1902574680725844471696 z^{80}$ $+ 5854075600341070400970 z^{79}$ $+ 17128592364643079652710 z^{78}$ $+ 47715363614963073915090 z^{77}$	

$\{[105, 2, 96]\}$

$$x^9 + x^8 + x^7 + x^6 + 1$$

$$\begin{aligned}
&+126692516899455960787110 z^{76} \\
&+320954378783092201353458 z^{75} \\
&+776502524715115582337310 z^{74} \\
&+1795662091346243599454745 z^{73} \\
&+3972222206530864632618090 z^{72} \\
&+8411764658363317704832050 z^{71} \\
&+17063865466221728396966910 z^{70} \\
&+33179738405717515472464940 z^{69} \\
&+61875728349473073422931390 z^{68} \\
&+110724987621073101541375740 z^{67} \\
&+190219850500434667291646820 z^{66} \\
&+313862753290390085402286708 z^{65} \\
&+497587291899440443141588035 z^{64} \\
&+758228254232201334602496060 z^{63} \\
&+1110892558515120721692179940 z^{62} \\
&+1565348605322992815783566220 z^{61} \\
&+2121916998145449493893681700 z^{60} \\
&+2767717823727433358878190220 z^{59} \\
&+3474369183124753012310365140 z^{58} \\
&+4198196096013336105944932600 z^{57} \\
&+4883615866951911730362779820 z^{56} \\
&+5469649771079692085274838668 z^{55} \\
&+5898641909701011211735271060 z^{54} \\
&+6125512752626870079832348980 z^{53} \\
&+6125512752626870079832348980 z^{52} \\
&+5898641909701011211735271060 z^{51} \\
&+5469649771079692085274838668 z^{50} \\
&+4883615866951911730362779820 z^{49} \\
&+4198196096013336105944932600 z^{48} \\
&+3474369183124753012310365140 z^{47} \\
&+2767717823727433358878190220 z^{46}
\end{aligned}$$

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

+2121916998145449493893681700 z^{45}
+1565348605322992815783566220 z^{44}
+1110892558515120721692179940 z^{43}
+758228254232201334602496060 z^{42}
+497587291899440443141588035 z^{41}
+313862753290390085402286708 z^{40}
+190219850500434667291646820 z^{39}
+110724987621073101541375740 z^{38}
+61875728349473073422931390 z^{37}
+33179738405717515472464940 z^{36}
+17063865466221728396966910 z^{35}
+8411764658363317704832050 z^{34}
+3972222206530864632618090 z^{33}
+1795662091346243599454745 z^{32}
+776502524715115582337310 z^{31}
+320954378783092201353458 z^{30}
+126692516899455960787110 z^{29}
+47715363614963073915090 z^{28}
+17128592364643079652710 z^{27}
+5854075600341070400970 z^{26}
+1902574680725844471696 z^{25}
+587214408851405376230 z^{24}
+171867597696097066470 z^{23}
+47625985995497659050 z^{22}
+12473463159933248690 z^{21}
+3081679516499496570 z^{20}
+716671640769095970 z^{19}
+156512994996583470 z^{18}
+32014654980648270 z^{17}
+6115017775936440 z^{16}
+1087093333854402 z^{15}

		$+179229973587630 z^{14} + 27251335879530 z^{13}$ $+3818756701550 z^{12} + 484406764170 z^{11}$ $+56928650310 z^{10} + 5737641315 z^9$ $+569800770 z^8 + 40433610 z^7 + 3674790 z^6$ $+126000 z^5 + 15750 z^4 + 1$	
		$z^{105} + 210 z^{103} + 21105 z^{101} + 65625 z^{100} + 3976000 z^{99}$ $+39281250 z^{98} + 569131500 z^{97}$ $+5778565625 z^{96} + 56620935000 z^{95}$ $+486021900000 z^{94} + 3812206597500 z^{93}$ $+27271447507500 z^{92} + 179184715500000 z^{91}$ $+1087155168995000 z^{90}$ $+6115047025106250 z^{89}$ $+32014198193701500 z^{88}$ $+156514415215532500 z^{87}$ $+716669182029696000 z^{86}$ $+3081680882270576250 z^{85}$ $+12473469398399554650 z^{84}$ $+47625963137624928000 z^{83}$ $+171867635135863281300 z^{82}$ $+587214392779016999500 z^{81}$ $+1902574600202214343146 z^{80}$ $+5854075836919254782040 z^{79}$ $+17128592064803709451360 z^{78}$ $+47715363608707856123580 z^{77}$ $+126692517696446618607180 z^{76}$ $+320954377213511323555168 z^{75}$ $+776502525893687013300600 z^{74}$ $+1795662092612643690037575 z^{73}$ $+3972222201653918570904700 z^{72}$ $+8411764664475390397648350 z^{71}$ $+17063865465346875674775360 z^{70}$	

$$\{[105, 2, 96]\}$$

$$x^9 + x^8 + x^7 + x^5 + x^4 + x + 1$$

$$\begin{aligned}
&+33179738395753436053264775 z^{69} \\
&+61875728366979746175605775 z^{68} \\
&+110724987610141204746364800 z^{67} \\
&+190219850489364495307947950 z^{66} \\
&+313862753324577139101063960 z^{65} \\
&+497587291864586156320530975 z^{64} \\
&+758228254233192921556170800 z^{63} \\
&+1110892558562377309698571200 z^{62} \\
&+1565348605256076675685001400 z^{61} \\
&+2121916998177582775315440280 z^{60} \\
&+2767717823765576790789374400 z^{59} \\
&+3474369183033868709593071600 z^{58} \\
&+4198196096090455865866984300 z^{57} \\
&+4883615866954733490610063800 z^{56} \\
&+5469649770992046535935586008 z^{55} \\
&+5898641909808384690267677440 z^{54} \\
&+6125512752579715599213874380 z^{53} \\
&+6125512752579715599213874380 z^{52} \\
&+5898641909808384690267677440 z^{51} \\
&+5469649770992046535935586008 z^{50} \\
&+4883615866954733490610063800 z^{49} \\
&+4198196096090455865866984300 z^{48} \\
&+3474369183033868709593071600 z^{47} \\
&+2767717823765576790789374400 z^{46} \\
&+2121916998177582775315440280 z^{45} \\
&+1565348605256076675685001400 z^{44} \\
&+1110892558562377309698571200 z^{43} \\
&+758228254233192921556170800 z^{42} \\
&+497587291864586156320530975 z^{41} \\
&+313862753324577139101063960 z^{40} \\
&+190219850489364495307947950 z^{39}
\end{aligned}$$

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

		$+110724987610141204746364800 z^{38}$ $+61875728366979746175605775 z^{37}$ $+33179738395753436053264775 z^{36}$ $+17063865465346875674775360 z^{35}$ $+8411764664475390397648350 z^{34}$ $+3972222201653918570904700 z^{33}$ $+1795662092612643690037575 z^{32}$ $+776502525893687013300600 z^{31}$ $+320954377213511323555168 z^{30}$ $+126692517696446618607180 z^{29}$ $+47715363608707856123580 z^{28}$ $+17128592064803709451360 z^{27}$ $+5854075836919254782040 z^{26}$ $+1902574600202214343146 z^{25}$ $+587214392779016999500 z^{24}$ $+171867635135863281300 z^{23}$ $+47625963137624928000 z^{22}$ $+12473469398399554650 z^{21}$ $+3081680882270576250 z^{20}$ $+716669182029696000 z^{19}$ $+156514415215532500 z^{18}$ $+32014198193701500 z^{17}$ $+6115047025106250 z^{16}$ $+1087155168995000 z^{15}$ $+179184715500000 z^{14} + 27271447507500 z^{13}$ $+3812206597500 z^{12} + 486021900000 z^{11}$ $+56620935000 z^{10} + 5778565625 z^9$ $+569131500 z^8 + 39281250 z^7 + 3976000 z^6$ $+65625 z^5 + 21105 z^4 + 210 z^2 + 1$	
		$42656250 z^{98} + 9071015625 z^{96} + 885199875000 z^{94}$ $+ 52749002250000 z^{92} + 2151263552550000 z^{90}$	

$$\{[105, 2, 96]\}$$

$$x^9 + x^8 + x^7 + x^2 + x + 1$$

$$\begin{aligned}
&+63845185628437500 z^{88} \\
&+1432523237984475000 z^{86} \\
&+24945900228674300000 z^{84} \\
&+343742967793797757500 z^{82} \\
&+3805183771571144576250 z^{80} \\
&+34257185956926680595400 z^{78} \\
&+253384768973747120547600 z^{76} \\
&+1553004723065427897168960 z^{74} \\
&+7944445550223720171302620 z^{72} \\
&+34127733157683686091796296 z^{70} \\
&+123751453380266489520066240 z^{68} \\
&+380439692617547848464352670 z^{66} \\
&+995174591117631016856572095 z^{64} \\
&+2221785138136158215693793840 z^{62} \\
&+4243833983322223980203162656 z^{60} \\
&+6948738328504927356413145120 z^{58} \\
&+9767231752505159792863515960 z^{56} \\
&+11797283868587633131813812400 z^{54} \\
&+12251025484482909433235976000 z^{52} \\
&+10939299494799129976633598760 z^{50} \\
&+8396392209097951659161375500 z^{48} \\
&+5535435681486853658469786000 z^{46} \\
&+3130697200958586858837386400 z^{44} \\
&+1516456490121381550345188800 z^{42} \\
&+627725509967120614451286360 z^{40} \\
&+221449982606505354668710800 z^{38} \\
&+66359476368707095413862400 z^{36} \\
&+16823527188853860860673750 z^{34} \\
&+3591324004568805409020375 z^{32} \\
&+641909160302590855543960 z^{30} \\
&+95430828400930308526800 z^{28}
\end{aligned}$$

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

		$+11708114118457579023600 z^{26}$ $+1174408839736085768780 z^{24}$ $+95250732945456899160 z^{22}$ $+6164587088719502688 z^{20}$ $+313450049100688220 z^{18}$ $+12299302203270810 z^{16}$ $+365187673333800 z^{14} + 8043727941200 z^{12}$ $+128973264000 z^{10} + 1473895500 z^8$ $+11641000 z^6 + 60480 z^4 + 210 z^2 + 1$	
		$z^{105} + 210 z^{102} + 11235 z^{101} + 183435 z^{100}$ $+ 3133690 z^{99} + 44499000 z^{98} + 544539660 z^{97}$ $+ 5869665305 z^{96} + 56343572040 z^{95}$ $+ 486606815520 z^{94} + 3811821945540 z^{93}$ $+ 27269049073140 z^{92} + 179196383293200 z^{91}$ $+ 1087125696869912 z^{90}$ $+ 6115081439607210 z^{89}$ $+ 32014247368870620 z^{88}$ $+ 156514106117129320 z^{87}$ $+ 716669849710449180 z^{86}$ $+ 3081680325088100190 z^{85}$ $+ 12473468040560270910 z^{84}$ $+ 47625968912766440700 z^{83}$ $+ 171867626754403743240 z^{82}$ $+ 587214391556152011820 z^{81}$ $+ 1902574628806861885386 z^{80}$ $+ 5854075780265869785720 z^{79}$ $+ 17128592098936232657680 z^{78}$ $+ 47715363704998370197860 z^{77}$ $+ 126692517417977452202100 z^{76}$ $+ 320954377461982054147168 z^{75}$ $+ 776502526131091295051880 z^{74}$	

$\{[105, 2, 96]\}$

$$x^9 + x^8 + x^6 + x + 1$$

$$\begin{aligned}
&+1795662091659936772495335 z^{73} \\
&+3972222202747083787875100 z^{72} \\
&+8411764664689378148361240 z^{71} \\
&+17063865462647466958347990 z^{70} \\
&+33179738399512361850513845 z^{69} \\
&+61875728366736974829470205 z^{68} \\
&+110724987603707012904988830 z^{67} \\
&+190219850498494481146837040 z^{66} \\
&+313862753322530335502428248 z^{65} \\
&+497587291853033381522087775 z^{64} \\
&+758228254252081910471038160 z^{63} \\
&+1110892558555220936805730560 z^{62} \\
&+1565348605237140652895716680 z^{61} \\
&+2121916998210237692116654120 z^{60} \\
&+2767717823752400544399585120 z^{59} \\
&+3474369183008758445409504240 z^{58} \\
&+4198196096135220516031859500 z^{57} \\
&+4883615866932235447396573560 z^{56} \\
&+5469649770965035285542209808 z^{55} \\
&+5898641909864656072978638760 z^{54} \\
&+6125512752550451995194906180 z^{53} \\
&+6125512752550451995194906180 z^{52} \\
&+5898641909864656072978638760 z^{51} \\
&+5469649770965035285542209808 z^{50} \\
&+4883615866932235447396573560 z^{49} \\
&+4198196096135220516031859500 z^{48} \\
&+3474369183008758445409504240 z^{47} \\
&+2767717823752400544399585120 z^{46} \\
&+2121916998210237692116654120 z^{45} \\
&+1565348605237140652895716680 z^{44} \\
&+1110892558555220936805730560 z^{43}
\end{aligned}$$

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

$$\begin{aligned}
&+758228254252081910471038160 z^{42} \\
&+497587291853033381522087775 z^{41} \\
&+313862753322530335502428248 z^{40} \\
&+190219850498494481146837040 z^{39} \\
&+110724987603707012904988830 z^{38} \\
&+61875728366736974829470205 z^{37} \\
&+33179738399512361850513845 z^{36} \\
&+17063865462647466958347990 z^{35} \\
&+8411764664689378148361240 z^{34} \\
&+3972222202747083787875100 z^{33} \\
&+1795662091659936772495335 z^{32} \\
&+776502526131091295051880 z^{31} \\
&+320954377461982054147168 z^{30} \\
&+126692517417977452202100 z^{29} \\
&+47715363704998370197860 z^{28} \\
&+17128592098936232657680 z^{27} \\
&+5854075780265869785720 z^{26} \\
&+1902574628806861885386 z^{25} \\
&+587214391556152011820 z^{24} \\
&+171867626754403743240 z^{23} \\
&+47625968912766440700 z^{22} \\
&+12473468040560270910 z^{21} \\
&+3081680325088100190 z^{20} \\
&+716669849710449180 z^{19} \\
&+156514106117129320 z^{18} \\
&+32014247368870620 z^{17} \\
&+6115081439607210 z^{16} \\
&+1087125696869912 z^{15} \\
&+179196383293200 z^{14} + 27269049073140 z^{13} \\
&+3811821945540 z^{12} + 486606815520 z^{11} \\
&+56343572040 z^{10} + 5869665305 z^9
\end{aligned}$$

		$+544539660 z^8 + 44499000 z^7 + 3133690 z^6$ $+183435 z^5 + 11235 z^4 + 210 z^3 + 1$	
		$z^{105} + 210 z^{103} + 21105 z^{101} + 65625 z^{100} + 3976000 z^{99}$ $+ 39281250 z^{98} + 569131500 z^{97}$ $+ 5778565625 z^{96} + 56620935000 z^{95}$ $+ 486021900000 z^{94} + 3812206597500 z^{93}$ $+ 27271447507500 z^{92} + 179184715500000 z^{91}$ $+ 1087155168995000 z^{90}$ $+ 6115047025106250 z^{89}$ $+ 32014198193701500 z^{88}$ $+ 156514415215532500 z^{87}$ $+ 716669182029696000 z^{86}$ $+ 3081680882270576250 z^{85}$ $+ 12473469398399554650 z^{84}$ $+ 47625963137624928000 z^{83}$ $+ 171867635135863281300 z^{82}$ $+ 587214392779016999500 z^{81}$ $+ 1902574600202214343146 z^{80}$ $+ 5854075836919254782040 z^{79}$ $+ 17128592064803709451360 z^{78}$ $+ 47715363608707856123580 z^{77}$ $+ 126692517696446618607180 z^{76}$ $+ 320954377213511323555168 z^{75}$ $+ 776502525893687013300600 z^{74}$ $+ 1795662092612643690037575 z^{73}$ $+ 3972222201653918570904700 z^{72}$ $+ 8411764664475390397648350 z^{71}$ $+ 17063865465346875674775360 z^{70}$ $+ 33179738395753436053264775 z^{69}$ $+ 61875728366979746175605775 z^{68}$ $+ 110724987610141204746364800 z^{67}$	

$$\{[105, 2, 96]\}$$

$$x^9 + x^8 + x^5 + x^4 + x^2 + x + 1$$

$$\begin{aligned}
&+190219850489364495307947950 z^{66} \\
&+313862753324577139101063960 z^{65} \\
&+497587291864586156320530975 z^{64} \\
&+758228254233192921556170800 z^{63} \\
&+1110892558562377309698571200 z^{62} \\
&+1565348605256076675685001400 z^{61} \\
&+2121916998177582775315440280 z^{60} \\
&+2767717823765576790789374400 z^{59} \\
&+3474369183033868709593071600 z^{58} \\
&+4198196096090455865866984300 z^{57} \\
&+4883615866954733490610063800 z^{56} \\
&+5469649770992046535935586008 z^{55} \\
&+5898641909808384690267677440 z^{54} \\
&+6125512752579715599213874380 z^{53} \\
&+6125512752579715599213874380 z^{52} \\
&+5898641909808384690267677440 z^{51} \\
&+5469649770992046535935586008 z^{50} \\
&+4883615866954733490610063800 z^{49} \\
&+4198196096090455865866984300 z^{48} \\
&+3474369183033868709593071600 z^{47} \\
&+2767717823765576790789374400 z^{46} \\
&+2121916998177582775315440280 z^{45} \\
&+1565348605256076675685001400 z^{44} \\
&+1110892558562377309698571200 z^{43} \\
&+758228254233192921556170800 z^{42} \\
&+497587291864586156320530975 z^{41} \\
&+313862753324577139101063960 z^{40} \\
&+190219850489364495307947950 z^{39} \\
&+110724987610141204746364800 z^{38} \\
&+61875728366979746175605775 z^{37} \\
&+33179738395753436053264775 z^{36}
\end{aligned}$$

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

		$+17063865465346875674775360 z^{35}$ $+8411764664475390397648350 z^{34}$ $+3972222201653918570904700 z^{33}$ $+1795662092612643690037575 z^{32}$ $+776502525893687013300600 z^{31}$ $+320954377213511323555168 z^{30}$ $+126692517696446618607180 z^{29}$ $+47715363608707856123580 z^{28}$ $+17128592064803709451360 z^{27}$ $+5854075836919254782040 z^{26}$ $+1902574600202214343146 z^{25}$ $+587214392779016999500 z^{24}$ $+171867635135863281300 z^{23}$ $+47625963137624928000 z^{22}$ $+12473469398399554650 z^{21}$ $+3081680882270576250 z^{20}$ $+716669182029696000 z^{19}$ $+156514415215532500 z^{18}$ $+32014198193701500 z^{17}$ $+6115047025106250 z^{16}$ $+1087155168995000 z^{15}$ $+179184715500000 z^{14} + 27271447507500 z^{13}$ $+3812206597500 z^{12} + 486021900000 z^{11}$ $+56620935000 z^{10} + 5778565625 z^9$ $+569131500 z^8 + 39281250 z^7 + 3976000 z^6$ $+65625 z^5 + 21105 z^4 + 210 z^2 + 1$	
		$302526 z^{100} + 83446755 z^{98} + 11496240105 z^{96}$ $+968669812320 z^{94} + 54501551649720 z^{92}$ $+2174192398000420 z^{90}$ $+64029333620632380 z^{88}$ $+1433343117232355280 z^{86}$	

$$\{[105, 2, 96]\}$$

$$x^9 + x^8 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+24946926245376642220 z^{84} \\
&+343735197771953779470 z^{82} \\
&+3805149357499173165594 z^{80} \\
&+34257184713785753520640 z^{78} \\
&+253385033868321650399160 z^{76} \\
&+1553005049380541723917860 z^{74} \\
&+7944444412761953339447260 z^{72} \\
&+34127730933344844163380240 z^{70} \\
&+123751456698313345073652690 z^{68} \\
&+380439700998942716698099365 z^{66} \\
&+995174583804483557179707135 z^{64} \\
&+2221785117024818806534032960 z^{62} \\
&+4243833996288711493508576240 z^{60} \\
&+6948738366261661728378312840 z^{58} \\
&+9767231733890442745739642040 z^{56} \\
&+11797283819404157464400558240 z^{54} \\
&+12251025505264801580409850920 z^{52} \\
&+10939299542146371812420664996 z^{50} \\
&+8396392192030220637323467340 z^{48} \\
&+5535435647460659270317088640 z^{46} \\
&+3130697210639234896369360560 z^{44} \\
&+1516456508466391681421419560 z^{42} \\
&+627725506582454984922048600 z^{40} \\
&+221449975240355320054273440 z^{38} \\
&+66359476811852511776279490 z^{36} \\
&+16823529317060952349243485 z^{34} \\
&+3591324182415785121327735 z^{32} \\
&+641908757616632819895904 z^{30} \\
&+95430727260685638409560 z^{28} \\
&+11708151182146839993300 z^{26} \\
&+1174428819511933287820 z^{24}
\end{aligned}$$

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

		$+95251973426101445520 z^{22}$ $+6163358552648856300 z^{20}$ $+313025993813738030 z^{18}$ $+12230054769116730 z^{16}$ $+358458717160320 z^{14} + 7637050324120 z^{12}$ $+113873358900 z^{10} + 1146120780 z^8$ $+7897680 z^6 + 46830 z^4 + 315 z^2 + 1$	
		$z^{105} + 210 z^{102} + 11235 z^{101} + 183435 z^{100}$ $+3133690 z^{99} + 44499000 z^{98} + 544539660 z^{97}$ $+5869665305 z^{96} + 56343572040 z^{95}$ $+486606815520 z^{94} + 3811821945540 z^{93}$ $+27269049073140 z^{92} + 179196383293200 z^{91}$ $+1087125696869912 z^{90}$ $+6115081439607210 z^{89}$ $+32014247368870620 z^{88}$ $+156514106117129320 z^{87}$ $+716669849710449180 z^{86}$ $+3081680325088100190 z^{85}$ $+12473468040560270910 z^{84}$ $+47625968912766440700 z^{83}$ $+171867626754403743240 z^{82}$ $+587214391556152011820 z^{81}$ $+1902574628806861885386 z^{80}$ $+5854075780265869785720 z^{79}$ $+17128592098936232657680 z^{78}$ $+47715363704998370197860 z^{77}$ $+126692517417977452202100 z^{76}$ $+320954377461982054147168 z^{75}$ $+776502526131091295051880 z^{74}$ $+1795662091659936772495335 z^{73}$ $+3972222202747083787875100 z^{72}$	

$$\{[105, 2, 96]\}$$

$$x^9 + x^8 + x^3 + x + 1$$

$$\begin{aligned}
&+8411764664689378148361240 z^{71} \\
&+17063865462647466958347990 z^{70} \\
&+33179738399512361850513845 z^{69} \\
&+61875728366736974829470205 z^{68} \\
&+110724987603707012904988830 z^{67} \\
&+190219850498494481146837040 z^{66} \\
&+313862753322530335502428248 z^{65} \\
&+497587291853033381522087775 z^{64} \\
&+758228254252081910471038160 z^{63} \\
&+1110892558555220936805730560 z^{62} \\
&+1565348605237140652895716680 z^{61} \\
&+2121916998210237692116654120 z^{60} \\
&+2767717823752400544399585120 z^{59} \\
&+3474369183008758445409504240 z^{58} \\
&+4198196096135220516031859500 z^{57} \\
&+4883615866932235447396573560 z^{56} \\
&+5469649770965035285542209808 z^{55} \\
&+5898641909864656072978638760 z^{54} \\
&+6125512752550451995194906180 z^{53} \\
&+6125512752550451995194906180 z^{52} \\
&+5898641909864656072978638760 z^{51} \\
&+5469649770965035285542209808 z^{50} \\
&+4883615866932235447396573560 z^{49} \\
&+4198196096135220516031859500 z^{48} \\
&+3474369183008758445409504240 z^{47} \\
&+2767717823752400544399585120 z^{46} \\
&+2121916998210237692116654120 z^{45} \\
&+1565348605237140652895716680 z^{44} \\
&+1110892558555220936805730560 z^{43} \\
&+758228254252081910471038160 z^{42} \\
&+497587291853033381522087775 z^{41}
\end{aligned}$$

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

		$+313862753322530335502428248 z^{40}$ $+190219850498494481146837040 z^{39}$ $+110724987603707012904988830 z^{38}$ $+61875728366736974829470205 z^{37}$ $+33179738399512361850513845 z^{36}$ $+17063865462647466958347990 z^{35}$ $+8411764664689378148361240 z^{34}$ $+3972222202747083787875100 z^{33}$ $+1795662091659936772495335 z^{32}$ $+776502526131091295051880 z^{31}$ $+320954377461982054147168 z^{30}$ $+126692517417977452202100 z^{29}$ $+47715363704998370197860 z^{28}$ $+17128592098936232657680 z^{27}$ $+5854075780265869785720 z^{26}$ $+1902574628806861885386 z^{25}$ $+587214391556152011820 z^{24}$ $+171867626754403743240 z^{23}$ $+47625968912766440700 z^{22}$ $+12473468040560270910 z^{21}$ $+3081680325088100190 z^{20}$ $+716669849710449180 z^{19}$ $+156514106117129320 z^{18}$ $+32014247368870620 z^{17}$ $+6115081439607210 z^{16}$ $+1087125696869912 z^{15}$ $+179196383293200 z^{14} + 27269049073140 z^{13}$ $+3811821945540 z^{12} + 486606815520 z^{11}$ $+56343572040 z^{10} + 5869665305 z^9$ $+544539660 z^8 + 44499000 z^7 + 3133690 z^6$ $+183435 z^5 + 11235 z^4 + 210 z^3 + 1$	
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$\{[108, 2, 99]\}$

$x^9 + 1$

$$\begin{aligned} & z^{108} + 594 z^{106} + 161271 z^{104} + 26510220 z^{102} \\ & + 2947400379 z^{100} + 234643232538 z^{98} \\ & + 13826984095197 z^{96} + 615820529606832 z^{94} \\ & + 21029647922665470 z^{92} \\ & + 557000769267674028 z^{90} \\ & + 11568307092364592658 z^{88} \\ & + 190545669434438652312 z^{86} \\ & + 2517960048055789431042 z^{84} \\ & + 26991947808246242182284 z^{82} \\ & + 237121629409838889533070 z^{80} \\ & + 1722573993325667663080944 z^{78} \\ & + 10429426286288482399005915 z^{76} \\ & + 52984004972921000581992246 z^{74} \\ & + 227158062671360679423648717 z^{72} \\ & + 825910325941935296609236404 z^{70} \\ & + 2557144621716497044707623841 z^{68} \\ & + 6765595787410402411045254942 z^{66} \\ & + 15340599455685252445385452071 z^{64} \\ & + 29880817593289436319443026272 z^{62} \\ & + 50092745021425771388809327764 z^{60} \\ & + 72378903177016939731919384584 z^{58} \\ & + 90228008789560193081837592780 z^{56} \\ & + 97100728765714247708610873936 z^{54} \\ & + 90228008789560193081837592780 z^{52} \\ & + 72378903177016939731919384584 z^{50} \\ & + 50092745021425771388809327764 z^{48} \\ & + 29880817593289436319443026272 z^{46} \\ & + 15340599455685252445385452071 z^{44} \\ & + 6765595787410402411045254942 z^{42} \\ & + 2557144621716497044707623841 z^{40} \\ & + 825910325941935296609236404 z^{38} \end{aligned}$$

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

		$+227158062671360679423648717 z^{36}$ $+52984004972921000581992246 z^{34}$ $+10429426286288482399005915 z^{32}$ $+1722573993325667663080944 z^{30}$ $+237121629409838889533070 z^{28}$ $+26991947808246242182284 z^{26}$ $+2517960048055789431042 z^{24}$ $+190545669434438652312 z^{22}$ $+11568307092364592658 z^{20}$ $+557000769267674028 z^{18}$ $+21029647922665470 z^{16}$ $+615820529606832 z^{14} + 13826984095197 z^{12}$ $+234643232538 z^{10} + 2947400379 z^8$ $+26510220 z^6 + 161271 z^4 + 594 z^2 + 1$	
		$z^{108} + 432 z^{106} + 106731 z^{104} + 17267616 z^{102}$ $+ 2026891215 z^{100} + 175439383920 z^{98}$ $+ 11414914509069 z^{96} + 552531374144640 z^{94}$ $+ 19930854987581166 z^{92}$ $+ 544123556944759584 z^{90}$ $+ 11466131269638849498 z^{88}$ $+ 190012435540171714368 z^{86}$ $+ 2516333570339819969610 z^{84}$ $+ 26990656922620770774048 z^{82}$ $+ 237131956976948316795582 z^{80}$ $+ 1722613001027337432296064 z^{78}$ $+ 10429450084800175644142155 z^{76}$ $+ 52983841246962235622764560 z^{74}$ $+ 227157704516023888068500025 z^{72}$ $+ 825910502315083727529626208 z^{70}$ $+ 2557145984331580527401894061 z^{68}$ $+ 6765596494557514228440337104 z^{66}$	

$\{[108, 2, 99]\}$	$x^9 + x^6 + x^3 + 1$	$ \begin{aligned} &+15340596686013224280529877895 z^{64} \\ &+29880814352238506942999140608 z^{62} \\ &+50092748211688289615958370164 z^{60} \\ &+72378909742284738841367772864 z^{58} \\ &+90228007332118698819733834812 z^{56} \\ &+97100720603340488998048994688 z^{54} \\ &+90228007332118698819733834812 z^{52} \\ &+72378909742284738841367772864 z^{50} \\ &+50092748211688289615958370164 z^{48} \\ &+29880814352238506942999140608 z^{46} \\ &+15340596686013224280529877895 z^{44} \\ &+6765596494557514228440337104 z^{42} \\ &+2557145984331580527401894061 z^{40} \\ &+825910502315083727529626208 z^{38} \\ &+227157704516023888068500025 z^{36} \\ &+52983841246962235622764560 z^{34} \\ &+10429450084800175644142155 z^{32} \\ &+1722613001027337432296064 z^{30} \\ &+237131956976948316795582 z^{28} \\ &+26990656922620770774048 z^{26} \\ &+2516333570339819969610 z^{24} \\ &+190012435540171714368 z^{22} \\ &+11466131269638849498 z^{20} \\ &+544123556944759584 z^{18} \\ &+19930854987581166 z^{16} \\ &+552531374144640 z^{14} + 11414914509069 z^{12} \\ &+175439383920 z^{10} + 2026891215 z^8 \\ &+17267616 z^6 + 106731 z^4 + 432 z^2 + 1 \end{aligned} $	$\{[54, 3\sqrt{3}]\}$
		$ \begin{aligned} &z^{108} + 108 z^{106} + 41391 z^{104} + 8848440 z^{102} \\ &+ 1426849587 z^{100} + 152203343004 z^{98} \\ &+ 10900180192509 z^{96} + 545847375845088 z^{94} \end{aligned} $	

$\{[108, 2, 99]\}$

$x^9 + x^8 + x^7 + x^5 + x^4 + x^2 + x + 1$

+19882354619631006 z^{92}
+543978041033914248 z^{90}
+11466498729480263874 z^{88}
+190016174352311451504 z^{86}
+2516337208654729702578 z^{84}
+26990620929391741753032 z^{82}
+237131884739665805777838 z^{80}
+1722613224984334500907872 z^{78}
+10429450635707055568701819 z^{76}
+52983840157705814887169604 z^{74}
+227157701974724173941367893 z^{72}
+825910506686129324666950728 z^{70}
+2557145992022882129185452009 z^{68}
+6765596480642514474797675316 z^{66}
+15340596670855432157552093799 z^{64}
+29880814385288766901820718528 z^{62}
+50092748229572831506160102868 z^{60}
+72378909686076368368891939632 z^{58}
+90228007323761009658251408748 z^{56}
+97100720670536652766067396640 z^{54}
+90228007323761009658251408748 z^{52}
+72378909686076368368891939632 z^{50}
+50092748229572831506160102868 z^{48}
+29880814385288766901820718528 z^{46}
+15340596670855432157552093799 z^{44}
+6765596480642514474797675316 z^{42}
+2557145992022882129185452009 z^{40}
+825910506686129324666950728 z^{38}
+227157701974724173941367893 z^{36}
+52983840157705814887169604 z^{34}
+10429450635707055568701819 z^{32}

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

		$+1722613224984334500907872 z^{30}$ $+237131884739665805777838 z^{28}$ $+26990620929391741753032 z^{26}$ $+2516337208654729702578 z^{24}$ $+190016174352311451504 z^{22}$ $+11466498729480263874 z^{20}$ $+543978041033914248 z^{18}$ $+19882354619631006 z^{16}$ $+545847375845088 z^{14} + 10900180192509 z^{12}$ $+152203343004 z^{10} + 1426849587 z^8$ $+8848440 z^6 + 41391 z^4 + 108 z^2 + 1$	
		$z^{108} + 432 z^{106} + 87048 z^{104} + 14052726 z^{102}$ $+1807944084 z^{100} + 167381554464 z^{98}$ $+11241090902457 z^{96} + 550303839965880 z^{94}$ $+19914781514788170 z^{92}$ $+544075204371300720 z^{90}$ $+11466251685992637036 z^{88}$ $+190013679842176817388 z^{86}$ $+2516334811827288309180 z^{84}$ $+26990644922089489389744 z^{82}$ $+237131932647808802202858 z^{80}$ $+1722613075951677676160472 z^{78}$ $+10429450269740499221053191 z^{76}$ $+52983840880880130716784000 z^{74}$ $+227157703666353505400072724 z^{72}$ $+825910503787434951696112938 z^{70}$ $+2557145986884922812447790800 z^{68}$ $+6765596489888165447098645680 z^{66}$ $+15340596681020861213406091935 z^{64}$ $+29880814363253803219885608816 z^{62}$ $+50092748217547702641531892332 z^{60}$	

{[108, 2, 99]}	$x^9 + x^8 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+72378909723643130874197343456 z^{58} \\ &+90228007329385175693607418200 z^{56} \\ &+97100720625592725507041749224 z^{54} \\ &+90228007329385175693607418200 z^{52} \\ &+72378909723643130874197343456 z^{50} \\ &+50092748217547702641531892332 z^{48} \\ &+29880814363253803219885608816 z^{46} \\ &+15340596681020861213406091935 z^{44} \\ &+6765596489888165447098645680 z^{42} \\ &+2557145986884922812447790800 z^{40} \\ &+825910503787434951696112938 z^{38} \\ &+227157703666353505400072724 z^{36} \\ &+52983840880880130716784000 z^{34} \\ &+10429450269740499221053191 z^{32} \\ &+1722613075951677676160472 z^{30} \\ &+237131932647808802202858 z^{28} \\ &+26990644922089489389744 z^{26} \\ &+2516334811827288309180 z^{24} \\ &+190013679842176817388 z^{22} \\ &+11466251685992637036 z^{20} \\ &+544075204371300720 z^{18} \\ &+19914781514788170 z^{16} \\ &+550303839965880 z^{14} + 11241090902457 z^{12} \\ &+167381554464 z^{10} + 1807944084 z^8 \\ &+14052726 z^6 + 87048 z^4 + 432 z^2 + 1 \end{aligned} $	{[54, 3 $\sqrt{3}$]}
		$ \begin{aligned} &z^{110} + 550 z^{108} + 139425 z^{106} + 21603120 z^{104} \\ &+ 2288190300 z^{102} + 201558113361 z^{100} \\ &+ 13998561357330 z^{98} + 719322799373145 z^{96} \\ &+ 27270568739964330 z^{94} \\ &+ 779013842730864840 z^{92} \\ &+ 17163817157615720130 z^{90} \end{aligned} $	

$$\{[110, 2, 101]\}$$

$$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$$

$$\begin{aligned}
&+297583465021592900700 z^{88} \\
&+4127346333388938263340 z^{86} \\
&+46416737343433735232130 z^{84} \\
&+428065513747780873847960 z^{82} \\
&+3268059021041539344099018 z^{80} \\
&+20820698272474340268055335 z^{78} \\
&+111451972061881611177441270 z^{76} \\
&+504187494560738992603958655 z^{74} \\
&+1937141429176098578639864460 z^{72} \\
&+6347863445014491740046063720 z^{70} \\
&+17804982831015370813662470895 z^{68} \\
&+42875000958796573244610310290 z^{66} \\
&+88856886038291627638700068575 z^{64} \\
&+158808051614015074622245582380 z^{62} \\
&+245147776029100608365769947616 z^{60} \\
&+327233456712728848541651638620 z^{58} \\
&+377999234021022846748528133880 z^{56} \\
&+377999234021022846748528133880 z^{54} \\
&+327233456712728848541651638620 z^{52} \\
&+245147776029100608365769947616 z^{50} \\
&+158808051614015074622245582380 z^{48} \\
&+88856886038291627638700068575 z^{46} \\
&+42875000958796573244610310290 z^{44} \\
&+17804982831015370813662470895 z^{42} \\
&+6347863445014491740046063720 z^{40} \\
&+1937141429176098578639864460 z^{38} \\
&+504187494560738992603958655 z^{36} \\
&+111451972061881611177441270 z^{34} \\
&+20820698272474340268055335 z^{32} \\
&+3268059021041539344099018 z^{30} \\
&+428065513747780873847960 z^{28}
\end{aligned}$$

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

		$+46416737343433735232130 z^{26}$ $+4127346333388938263340 z^{24}$ $+297583465021592900700 z^{22}$ $+17163817157615720130 z^{20}$ $+779013842730864840 z^{18}$ $+27270568739964330 z^{16}$ $+719322799373145 z^{14} + 13998561357330 z^{12}$ $+201558113361 z^{10} + 2288190300 z^8$ $+21603120 z^6 + 139425 z^4 + 550 z^2 + 1$	
		$z^{112} + 56 z^{110} + 40292 z^{108} + 10400712 z^{106}$ $+ 1887758586 z^{104} + 221394209960 z^{102}$ $+ 17253511867060 z^{100} + 938497837742424 z^{98}$ $+ 37173050716321275 z^{96}$ $+ 1107903858109617296 z^{94}$ $+ 25487606506457726232 z^{92}$ $+ 461866313982989373808 z^{90}$ $+ 6702082016392412638884 z^{88}$ $+ 78940215125487869337072 z^{86}$ $+ 763297581437760434258904 z^{84}$ $+ 6116908896969403572428816 z^{82}$ $+ 40956158162423345423383305 z^{80}$ $+ 230697789271710062339247336 z^{78}$ $+ 1099659462213026317911750764 z^{76}$ $+ 4458078900915747680767932696 z^{74}$ $+ 15437527065729515949053370022 z^{72}$ $+ 45828477561020981997955085688 z^{70}$ $+ 116993417875400033408653374204 z^{68}$ $+ 257498556444148218047668447880 z^{66}$ $+ 489658159195708256758915858171 z^{64}$ $+ 805837427705588200039546968672 z^{62}$ $+ 1149199529253569404539852442512 z^{60}$	

{[112, 2, 103]}	$x^9 + x^6 + x^4 + x^2 + x + 1$	$ \begin{aligned} &+1421441765743408679314836136352 z^{58} \\ &+1525742362841011812213370205048 z^{56} \\ &+1421441765743408679314836136352 z^{54} \\ &+1149199529253569404539852442512 z^{52} \\ &+805837427705588200039546968672 z^{50} \\ &+489658159195708256758915858171 z^{48} \\ &+257498556444148218047668447880 z^{46} \\ &+116993417875400033408653374204 z^{44} \\ &+45828477561020981997955085688 z^{42} \\ &+15437527065729515949053370022 z^{40} \\ &+4458078900915747680767932696 z^{38} \\ &+1099659462213026317911750764 z^{36} \\ &+230697789271710062339247336 z^{34} \\ &+40956158162423345423383305 z^{32} \\ &+6116908896969403572428816 z^{30} \\ &+763297581437760434258904 z^{28} \\ &+78940215125487869337072 z^{26} \\ &+6702082016392412638884 z^{24} \\ &+461866313982989373808 z^{22} \\ &+25487606506457726232 z^{20} \\ &+1107903858109617296 z^{18} \\ &+37173050716321275 z^{16} \\ &+938497837742424 z^{14} + 17253511867060 z^{12} \\ &+221394209960 z^{10} + 1887758586 z^8 \\ &+10400712 z^6 + 40292 z^4 + 56 z^2 + 1 \end{aligned} $	{[56, 2 $\sqrt{7}$]}
		$ \begin{aligned} &z^{112} + 392 z^{110} + 72324 z^{108} + 10182648 z^{106} \\ &+ 33554432 z^{105} + 1281340858 z^{104} \\ &+ 8220835840 z^{103} + 127087950360 z^{102} \\ &+ 927310282752 z^{101} + 9133898626132 z^{100} \\ &+ 63986288558080 z^{99} + 479192398629736 z^{98} \\ &+ 3028544649166848 z^{97} \end{aligned} $	

+18712191265378555 z^{96}
+104580909348421632 z^{95}
+554962901140943344 z^{94}
+2738234855606190080 z^{93}
+12748519978244089816 z^{92}
+55822513610109747200 z^{91}
+230940653373898586384 z^{90}
+903655079576925634560 z^{89}
+3351000999333835304996 z^{88}
+11795779506952430682112 z^{87}
+39469888333622084952208 z^{86}
+125719879893153421983744 z^{85}
+381648669591728247340184 z^{84}
+1105464983513293620510720 z^{83}
+3058456067906638878628464 z^{82}
+8090102419214839649927168 z^{81}
+20478082168288221029542409 z^{80}
+49643827693171051195269120 z^{79}
+115348888268124174627294296 z^{78}
+257063266335780867466592256 z^{77}
+549829710627402737815196620 z^{76}
+1129380000378701757867360256 z^{75}
+2229039465798081256088886824 z^{74}
+4229459415209962247542538240 z^{73}
+7718763614239745913286714854 z^{72}
+13554901752823341917027696640 z^{71}
+22914238757247429923379634376 z^{70}
+37302249321540132596801863680 z^{69}
+58496708712925114800486501596 z^{68}
+88395027017973214407552925696 z^{67}
+128749278243343181412750065080 z^{66}

$+180796858488969506282520182784 z^{65}$
 $+244829080053653259137467430139 z^{64}$
 $+319776756667538344869311283200 z^{63}$
 $+402918713842589482738644524192 z^{62}$
 $+489822750632529458114032828416 z^{61}$
 $+574599763933317457865454545936 z^{60}$
 $+650490300096399889687369482240 z^{59}$
 $+710720882873512751737203445088 z^{58}$
 $+749487475923681668537102893056 z^{57}$
 $+762871182217756629705801205880 z^{56}$
 $+749487475923681668537102893056 z^{55}$
 $+710720882873512751737203445088 z^{54}$
 $+650490300096399889687369482240 z^{53}$
 $+574599763933317457865454545936 z^{52}$
 $+489822750632529458114032828416 z^{51}$
 $+402918713842589482738644524192 z^{50}$
 $+319776756667538344869311283200 z^{49}$
 $+244829080053653259137467430139 z^{48}$
 $+180796858488969506282520182784 z^{47}$
 $+128749278243343181412750065080 z^{46}$
 $+88395027017973214407552925696 z^{45}$
 $+58496708712925114800486501596 z^{44}$
 $+37302249321540132596801863680 z^{43}$
 $+22914238757247429923379634376 z^{42}$
 $+13554901752823341917027696640 z^{41}$
 $+7718763614239745913286714854 z^{40}$
 $+4229459415209962247542538240 z^{39}$
 $+2229039465798081256088886824 z^{38}$
 $+1129380000378701757867360256 z^{37}$
 $+549829710627402737815196620 z^{36}$
 $+257063266335780867466592256 z^{35}$

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

		$+115348888268124174627294296 z^{34}$ $+49643827693171051195269120 z^{33}$ $+20478082168288221029542409 z^{32}$ $+8090102419214839649927168 z^{31}$ $+3058456067906638878628464 z^{30}$ $+1105464983513293620510720 z^{29}$ $+381648669591728247340184 z^{28}$ $+125719879893153421983744 z^{27}$ $+39469888333622084952208 z^{26}$ $+11795779506952430682112 z^{25}$ $+3351000999333835304996 z^{24}$ $+903655079576925634560 z^{23}$ $+230940653373898586384 z^{22}$ $+55822513610109747200 z^{21}$ $+12748519978244089816 z^{20}$ $+2738234855606190080 z^{19}$ $+554962901140943344 z^{18}$ $+104580909348421632 z^{17}$ $+18712191265378555 z^{16}$ $+3028544649166848 z^{15}$ $+479192398629736 z^{14} + 63986288558080 z^{13}$ $+9133898626132 z^{12} + 927310282752 z^{11}$ $+127087950360 z^{10} + 8220835840 z^9$ $+1281340858 z^8 + 33554432 z^7 + 10182648 z^6$ $+72324 z^4 + 392 z^2 + 1$	
		$z^{112} + 168 z^{110} + 79940 z^{108} + 17406424 z^{106}$ $+ 2530138170 z^{104} + 254337882232 z^{102}$ $+ 18270645860628 z^{100} + 958372604518920 z^{98}$ $+ 37424290562312955 z^{96}$ $+ 1109926459755514800 z^{94}$ $+ 25497040046376616536 z^{92}$	

$\{[112, 2, 103]\}$ $x^9 + x^7 + x^2 + 1$
$$\begin{aligned} &+461881294157885816144 z^{90} \\ &+6702002037507130713380 z^{88} \\ &+78939776699988703433424 z^{86} \\ &+763297338698281227205400 z^{84} \\ &+6116912136910845798700592 z^{82} \\ &+40956164337056334307507209 z^{80} \\ &+230697776528269942474597560 z^{78} \\ &+1099659421272608552864154892 z^{76} \\ &+4458078931587750237323561160 z^{74} \\ &+15437527228434534338248498022 z^{72} \\ &+45828477514612155777233306088 z^{70} \\ &+116993417425745733650005098780 z^{68} \\ &+257498556486601584757294500760 z^{66} \\ &+489658160107664828437286037755 z^{64} \\ &+805837427684749903697359293216 z^{62} \\ &+1149199527866735646814099393296 z^{60} \\ &+1421441765747455334104108397280 z^{58} \\ &+1525742364434822381733264551544 z^{56} \\ &+1421441765747455334104108397280 z^{54} \\ &+1149199527866735646814099393296 z^{52} \\ &+805837427684749903697359293216 z^{50} \\ &+489658160107664828437286037755 z^{48} \\ &+257498556486601584757294500760 z^{46} \\ &+116993417425745733650005098780 z^{44} \\ &+45828477514612155777233306088 z^{42} \\ &+15437527228434534338248498022 z^{40} \\ &+4458078931587750237323561160 z^{38} \\ &+1099659421272608552864154892 z^{36} \\ &+230697776528269942474597560 z^{34} \\ &+40956164337056334307507209 z^{32} \\ &+6116912136910845798700592 z^{30} \end{aligned}$$
 $\{[56, 2\sqrt{7}]\}$

		$+763297338698281227205400 z^{28}$ $+78939776699988703433424 z^{26}$ $+6702002037507130713380 z^{24}$ $+461881294157885816144 z^{22}$ $+25497040046376616536 z^{20}$ $+1109926459755514800 z^{18}$ $+37424290562312955 z^{16}$ $+958372604518920 z^{14} + 18270645860628 z^{12}$ $+254337882232 z^{10} + 2530138170 z^8$ $+17406424 z^6 + 79940 z^4 + 168 z^2 + 1$	
		$z^{112} + 168 z^{110} + 1792 z^{109} + 22596 z^{108} + 360192 z^{107}$ $+ 5249496 z^{106} + 72946176 z^{105} + 934713402 z^{104}$ $+ 10739208704 z^{103} + 110503303288 z^{102}$ $+ 1024758061824 z^{101} + 8626261907732 z^{100}$ $+ 66359333356288 z^{99} + 469260206711304 z^{98}$ $+ 3065830590498816 z^{97}$ $+ 18586554463619835 z^{96}$ $+ 104959246227032064 z^{95}$ $+ 553951508212140976 z^{94}$ $+ 2740602612438559232 z^{93}$ $+ 12743803298105967192 z^{92}$ $+ 55829996329087859200 z^{91}$ $+ 230933164698733264208 z^{90}$ $+ 903651506154457310208 z^{89}$ $+ 3351040991325750060324 z^{88}$ $+ 11795664297230733911040 z^{87}$ $+ 39470107508115322491600 z^{86}$ $+ 125719601755319593896448 z^{85}$ $+ 381648790997682467765016 z^{84}$ $+ 1105465463350145986755072 z^{83}$ $+ 3058454448336714244085296 z^{82}$	

$\{[112, 2, 103]\}$

$$x^9 + x^7 + x^6 + x^5 + x^2 + x + 1$$

$$\begin{aligned}
&+8090105315062998417942528 z^{81} \\
&+20478079079644097102527497 z^{80} \\
&+49643828073080921771255808 z^{79} \\
&+115348894639898977966023864 z^{78} \\
&+257063250908132445804631296 z^{77} \\
&+549829731105678705517716748 z^{76} \\
&+1129379988220402381676428544 z^{75} \\
&+2229039450444785098512664776 z^{74} \\
&+4229459470080250009356078592 z^{73} \\
&+7718763532887523146070956902 z^{72} \\
&+13554901813831286956745510400 z^{71} \\
&+22914238780513086019011297768 z^{70} \\
&+37302249177599336537398003968 z^{69} \\
&+58496708937642173643168932124 z^{68} \\
&+88395026839118815324734423296 z^{67} \\
&+128749278222144772742378425240 z^{66} \\
&+180796858779964634081375391744 z^{65} \\
&+244829079597868696341774674171 z^{64} \\
&+319776757025868568455352717312 z^{63} \\
&+402918713852673796266816588576 z^{62} \\
&+489822750173828198492487220224 z^{61} \\
&+574599764626884430803896060688 z^{60} \\
&+650490299577505300312338422784 z^{59} \\
&+710720882871751617586281476832 z^{58} \\
&+749487476483086133811928627200 z^{57} \\
&+762871181420369763339395526264 z^{56} \\
&+749487476483086133811928627200 z^{55} \\
&+710720882871751617586281476832 z^{54} \\
&+650490299577505300312338422784 z^{53} \\
&+574599764626884430803896060688 z^{52} \\
&+489822750173828198492487220224 z^{51}
\end{aligned}$$

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

+402918713852673796266816588576 z^{50}
+319776757025868568455352717312 z^{49}
+244829079597868696341774674171 z^{48}
+180796858779964634081375391744 z^{47}
+128749278222144772742378425240 z^{46}
+88395026839118815324734423296 z^{45}
+58496708937642173643168932124 z^{44}
+37302249177599336537398003968 z^{43}
+22914238780513086019011297768 z^{42}
+13554901813831286956745510400 z^{41}
+7718763532887523146070956902 z^{40}
+4229459470080250009356078592 z^{39}
+2229039450444785098512664776 z^{38}
+1129379988220402381676428544 z^{37}
+549829731105678705517716748 z^{36}
+257063250908132445804631296 z^{35}
+115348894639898977966023864 z^{34}
+49643828073080921771255808 z^{33}
+20478079079644097102527497 z^{32}
+8090105315062998417942528 z^{31}
+3058454448336714244085296 z^{30}
+1105465463350145986755072 z^{29}
+381648790997682467765016 z^{28}
+125719601755319593896448 z^{27}
+39470107508115322491600 z^{26}
+11795664297230733911040 z^{25}
+3351040991325750060324 z^{24}
+903651506154457310208 z^{23}
+230933164698733264208 z^{22}
+55829996329087859200 z^{21}
+12743803298105967192 z^{20}

		$+2740602612438559232 z^{19}$ $+553951508212140976 z^{18}$ $+104959246227032064 z^{17}$ $+18586554463619835 z^{16}$ $+3065830590498816 z^{15}$ $+469260206711304 z^{14} + 66359333356288 z^{13}$ $+8626261907732 z^{12} + 1024758061824 z^{11}$ $+110503303288 z^{10} + 10739208704 z^9$ $+934713402 z^8 + 72946176 z^7 + 5249496 z^6$ $+360192 z^5 + 22596 z^4 + 1792 z^3 + 168 z^2 + 1$	
		$z^{112} + 168 z^{110} + 65604 z^{108} + 12990936 z^{106}$ $+2014758970 z^{104} + 224583858296 z^{102}$ $+17292874621204 z^{100} + 938662797582856 z^{98}$ $+37172196420209403 z^{96}$ $+1107896043823713200 z^{94}$ $+25487616571960963672 z^{92}$ $+461866468198204669264 z^{90}$ $+6702081847034381518116 z^{88}$ $+78940213327989090292432 z^{86}$ $+763297584450890151258904 z^{84}$ $+6116908909024081769682480 z^{82}$ $+40956158130049689258589193 z^{80}$ $+230697789235653523234776248 z^{78}$ $+1099659462408079744110025996 z^{76}$ $+4458078900862405485805234376 z^{74}$ $+15437527065090279564423457638 z^{72}$ $+45828477561825081791755395560 z^{70}$ $+116993417876311003118297807132 z^{68}$ $+257498556441451962882438663064 z^{66}$ $+489658159196308669816234486011 z^{64}$ $+805837427709750134341296016160 z^{62}$	

{[112, 2, 103]}	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x + 1$	$ \begin{aligned} &+1149199529249285333550571252496 z^{60} \\ &+1421441765741217895370084053728 z^{58} \\ &+1525742362847504595842433756792 z^{56} \\ &+1421441765741217895370084053728 z^{54} \\ &+1149199529249285333550571252496 z^{52} \\ &+805837427709750134341296016160 z^{50} \\ &+489658159196308669816234486011 z^{48} \\ &+257498556441451962882438663064 z^{46} \\ &+116993417876311003118297807132 z^{44} \\ &+45828477561825081791755395560 z^{42} \\ &+15437527065090279564423457638 z^{40} \\ &+4458078900862405485805234376 z^{38} \\ &+1099659462408079744110025996 z^{36} \\ &+230697789235653523234776248 z^{34} \\ &+40956158130049689258589193 z^{32} \\ &+6116908909024081769682480 z^{30} \\ &+763297584450890151258904 z^{28} \\ &+78940213327989090292432 z^{26} \\ &+6702081847034381518116 z^{24} \\ &+461866468198204669264 z^{22} \\ &+25487616571960963672 z^{20} \\ &+1107896043823713200 z^{18} \\ &+37172196420209403 z^{16} \\ &+938662797582856 z^{14} + 17292874621204 z^{12} \\ &+224583858296 z^{10} + 2014758970 z^8 \\ &+12990936 z^6 + 65604 z^4 + 168 z^2 + 1 \end{aligned} $	{[56, 2 $\sqrt{7}$]}
		$ \begin{aligned} &z^{112} + 56 z^{110} + 40292 z^{108} + 10400712 z^{106} \\ &+ 1887758586 z^{104} + 221394209960 z^{102} \\ &+ 17253511867060 z^{100} + 938497837742424 z^{98} \\ &+ 37173050716321275 z^{96} \\ &+ 1107903858109617296 z^{94} \end{aligned} $	

$\{[112, 2, 103]\}$ $x^9 + x^8 + x^7 + x^5 + x^3 + 1$
$$\begin{aligned} &+25487606506457726232 z^{92} \\ &+461866313982989373808 z^{90} \\ &+6702082016392412638884 z^{88} \\ &+78940215125487869337072 z^{86} \\ &+763297581437760434258904 z^{84} \\ &+6116908896969403572428816 z^{82} \\ &+40956158162423345423383305 z^{80} \\ &+230697789271710062339247336 z^{78} \\ &+1099659462213026317911750764 z^{76} \\ &+4458078900915747680767932696 z^{74} \\ &+15437527065729515949053370022 z^{72} \\ &+45828477561020981997955085688 z^{70} \\ &+116993417875400033408653374204 z^{68} \\ &+257498556444148218047668447880 z^{66} \\ &+489658159195708256758915858171 z^{64} \\ &+805837427705588200039546968672 z^{62} \\ &+1149199529253569404539852442512 z^{60} \\ &+1421441765743408679314836136352 z^{58} \\ &+1525742362841011812213370205048 z^{56} \\ &+1421441765743408679314836136352 z^{54} \\ &+1149199529253569404539852442512 z^{52} \\ &+805837427705588200039546968672 z^{50} \\ &+489658159195708256758915858171 z^{48} \\ &+257498556444148218047668447880 z^{46} \\ &+116993417875400033408653374204 z^{44} \\ &+45828477561020981997955085688 z^{42} \\ &+15437527065729515949053370022 z^{40} \\ &+4458078900915747680767932696 z^{38} \\ &+1099659462213026317911750764 z^{36} \\ &+230697789271710062339247336 z^{34} \\ &+40956158162423345423383305 z^{32} \end{aligned}$$
 $\{[56, 2\sqrt{7}]\}$

		$+6116908896969403572428816 z^{30}$ $+763297581437760434258904 z^{28}$ $+78940215125487869337072 z^{26}$ $+6702082016392412638884 z^{24}$ $+461866313982989373808 z^{22}$ $+25487606506457726232 z^{20}$ $+1107903858109617296 z^{18}$ $+37173050716321275 z^{16}$ $+938497837742424 z^{14} + 17253511867060 z^{12}$ $+221394209960 z^{10} + 1887758586 z^8$ $+10400712 z^6 + 40292 z^4 + 56 z^2 + 1$	
		$z^{112} + 168 z^{110} + 1792 z^{109} + 22596 z^{108} + 360192 z^{107}$ $+ 5249496 z^{106} + 72946176 z^{105} + 934713402 z^{104}$ $+ 10739208704 z^{103} + 110503303288 z^{102}$ $+ 1024758061824 z^{101} + 8626261907732 z^{100}$ $+ 66359333356288 z^{99} + 469260206711304 z^{98}$ $+ 3065830590498816 z^{97}$ $+ 18586554463619835 z^{96}$ $+ 104959246227032064 z^{95}$ $+ 553951508212140976 z^{94}$ $+ 2740602612438559232 z^{93}$ $+ 12743803298105967192 z^{92}$ $+ 55829996329087859200 z^{91}$ $+ 230933164698733264208 z^{90}$ $+ 903651506154457310208 z^{89}$ $+ 3351040991325750060324 z^{88}$ $+ 11795664297230733911040 z^{87}$ $+ 39470107508115322491600 z^{86}$ $+ 125719601755319593896448 z^{85}$ $+ 381648790997682467765016 z^{84}$ $+ 1105465463350145986755072 z^{83}$	

$\{[112, 2, 103]\}$

$$x^9 + x^8 + x^7 + x^4 + x^3 + x^2 + 1$$

$$\begin{aligned} &+ 3058454448336714244085296 z^{82} \\ &+ 8090105315062998417942528 z^{81} \\ &+ 20478079079644097102527497 z^{80} \\ &+ 49643828073080921771255808 z^{79} \\ &+ 115348894639898977966023864 z^{78} \\ &+ 257063250908132445804631296 z^{77} \\ &+ 549829731105678705517716748 z^{76} \\ &+ 1129379988220402381676428544 z^{75} \\ &+ 2229039450444785098512664776 z^{74} \\ &+ 4229459470080250009356078592 z^{73} \\ &+ 7718763532887523146070956902 z^{72} \\ &+ 13554901813831286956745510400 z^{71} \\ &+ 22914238780513086019011297768 z^{70} \\ &+ 37302249177599336537398003968 z^{69} \\ &+ 58496708937642173643168932124 z^{68} \\ &+ 88395026839118815324734423296 z^{67} \\ &+ 128749278222144772742378425240 z^{66} \\ &+ 180796858779964634081375391744 z^{65} \\ &+ 244829079597868696341774674171 z^{64} \\ &+ 319776757025868568455352717312 z^{63} \\ &+ 402918713852673796266816588576 z^{62} \\ &+ 489822750173828198492487220224 z^{61} \\ &+ 574599764626884430803896060688 z^{60} \\ &+ 650490299577505300312338422784 z^{59} \\ &+ 710720882871751617586281476832 z^{58} \\ &+ 749487476483086133811928627200 z^{57} \\ &+ 762871181420369763339395526264 z^{56} \\ &+ 749487476483086133811928627200 z^{55} \\ &+ 710720882871751617586281476832 z^{54} \\ &+ 650490299577505300312338422784 z^{53} \\ &+ 574599764626884430803896060688 z^{52} \end{aligned}$$

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

+489822750173828198492487220224 z^{51}
+402918713852673796266816588576 z^{50}
+319776757025868568455352717312 z^{49}
+244829079597868696341774674171 z^{48}
+180796858779964634081375391744 z^{47}
+128749278222144772742378425240 z^{46}
+88395026839118815324734423296 z^{45}
+58496708937642173643168932124 z^{44}
+37302249177599336537398003968 z^{43}
+22914238780513086019011297768 z^{42}
+13554901813831286956745510400 z^{41}
+7718763532887523146070956902 z^{40}
+4229459470080250009356078592 z^{39}
+2229039450444785098512664776 z^{38}
+1129379988220402381676428544 z^{37}
+549829731105678705517716748 z^{36}
+257063250908132445804631296 z^{35}
+115348894639898977966023864 z^{34}
+49643828073080921771255808 z^{33}
+20478079079644097102527497 z^{32}
+8090105315062998417942528 z^{31}
+3058454448336714244085296 z^{30}
+1105465463350145986755072 z^{29}
+381648790997682467765016 z^{28}
+125719601755319593896448 z^{27}
+39470107508115322491600 z^{26}
+11795664297230733911040 z^{25}
+3351040991325750060324 z^{24}
+903651506154457310208 z^{23}
+230933164698733264208 z^{22}
+55829996329087859200 z^{21}

		$+12743803298105967192 z^{20}$ $+2740602612438559232 z^{19}$ $+553951508212140976 z^{18}$ $+104959246227032064 z^{17}$ $+18586554463619835 z^{16}$ $+3065830590498816 z^{15}$ $+469260206711304 z^{14} + 66359333356288 z^{13}$ $+8626261907732 z^{12} + 1024758061824 z^{11}$ $+110503303288 z^{10} + 10739208704 z^9$ $+934713402 z^8 + 72946176 z^7 + 5249496 z^6$ $+360192 z^5 + 22596 z^4 + 1792 z^3 + 168 z^2 + 1$	
		$z^{112} + 392 z^{110} + 72324 z^{108} + 10182648 z^{106}$ $+ 33554432 z^{105} + 1281340858 z^{104}$ $+ 8220835840 z^{103} + 127087950360 z^{102}$ $+ 927310282752 z^{101} + 9133898626132 z^{100}$ $+ 63986288558080 z^{99} + 479192398629736 z^{98}$ $+ 3028544649166848 z^{97}$ $+ 18712191265378555 z^{96}$ $+ 104580909348421632 z^{95}$ $+ 554962901140943344 z^{94}$ $+ 2738234855606190080 z^{93}$ $+ 12748519978244089816 z^{92}$ $+ 55822513610109747200 z^{91}$ $+ 230940653373898586384 z^{90}$ $+ 903655079576925634560 z^{89}$ $+ 3351000999333835304996 z^{88}$ $+ 11795779506952430682112 z^{87}$ $+ 39469888333622084952208 z^{86}$ $+ 125719879893153421983744 z^{85}$ $+ 381648669591728247340184 z^{84}$ $+ 1105464983513293620510720 z^{83}$	

$\{[112, 2, 103]\}$

$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + 1$

+3058456067906638878628464 z^{82}
+8090102419214839649927168 z^{81}
+20478082168288221029542409 z^{80}
+49643827693171051195269120 z^{79}
+115348888268124174627294296 z^{78}
+257063266335780867466592256 z^{77}
+549829710627402737815196620 z^{76}
+1129380000378701757867360256 z^{75}
+2229039465798081256088886824 z^{74}
+4229459415209962247542538240 z^{73}
+7718763614239745913286714854 z^{72}
+13554901752823341917027696640 z^{71}
+22914238757247429923379634376 z^{70}
+37302249321540132596801863680 z^{69}
+58496708712925114800486501596 z^{68}
+88395027017973214407552925696 z^{67}
+128749278243343181412750065080 z^{66}
+180796858488969506282520182784 z^{65}
+244829080053653259137467430139 z^{64}
+319776756667538344869311283200 z^{63}
+402918713842589482738644524192 z^{62}
+489822750632529458114032828416 z^{61}
+574599763933317457865454545936 z^{60}
+650490300096399889687369482240 z^{59}
+710720882873512751737203445088 z^{58}
+749487475923681668537102893056 z^{57}
+762871182217756629705801205880 z^{56}
+749487475923681668537102893056 z^{55}
+710720882873512751737203445088 z^{54}
+650490300096399889687369482240 z^{53}
+574599763933317457865454545936 z^{52}

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

+489822750632529458114032828416 z^{51}
+402918713842589482738644524192 z^{50}
+319776756667538344869311283200 z^{49}
+244829080053653259137467430139 z^{48}
+180796858488969506282520182784 z^{47}
+128749278243343181412750065080 z^{46}
+88395027017973214407552925696 z^{45}
+58496708712925114800486501596 z^{44}
+37302249321540132596801863680 z^{43}
+22914238757247429923379634376 z^{42}
+13554901752823341917027696640 z^{41}
+7718763614239745913286714854 z^{40}
+4229459415209962247542538240 z^{39}
+2229039465798081256088886824 z^{38}
+1129380000378701757867360256 z^{37}
+549829710627402737815196620 z^{36}
+257063266335780867466592256 z^{35}
+115348888268124174627294296 z^{34}
+49643827693171051195269120 z^{33}
+20478082168288221029542409 z^{32}
+8090102419214839649927168 z^{31}
+3058456067906638878628464 z^{30}
+1105464983513293620510720 z^{29}
+381648669591728247340184 z^{28}
+125719879893153421983744 z^{27}
+39469888333622084952208 z^{26}
+11795779506952430682112 z^{25}
+3351000999333835304996 z^{24}
+903655079576925634560 z^{23}
+230940653373898586384 z^{22}
+55822513610109747200 z^{21}

		$+12748519978244089816 z^{20}$ $+2738234855606190080 z^{19}$ $+554962901140943344 z^{18}$ $+104580909348421632 z^{17}$ $+18712191265378555 z^{16}$ $+3028544649166848 z^{15}$ $+479192398629736 z^{14} + 63986288558080 z^{13}$ $+9133898626132 z^{12} + 927310282752 z^{11}$ $+127087950360 z^{10} + 8220835840 z^9$ $+1281340858 z^8 + 33554432 z^7 + 10182648 z^6$ $+72324 z^4 + 392 z^2 + 1$	
		$z^{112} + 168 z^{110} + 65604 z^{108} + 12990936 z^{106}$ $+ 2014758970 z^{104} + 224583858296 z^{102}$ $+ 17292874621204 z^{100} + 938662797582856 z^{98}$ $+ 37172196420209403 z^{96}$ $+ 1107896043823713200 z^{94}$ $+ 25487616571960963672 z^{92}$ $+ 461866468198204669264 z^{90}$ $+ 6702081847034381518116 z^{88}$ $+ 78940213327989090292432 z^{86}$ $+ 763297584450890151258904 z^{84}$ $+ 6116908909024081769682480 z^{82}$ $+ 40956158130049689258589193 z^{80}$ $+ 230697789235653523234776248 z^{78}$ $+ 1099659462408079744110025996 z^{76}$ $+ 4458078900862405485805234376 z^{74}$ $+ 15437527065090279564423457638 z^{72}$ $+ 45828477561825081791755395560 z^{70}$ $+ 116993417876311003118297807132 z^{68}$ $+ 257498556441451962882438663064 z^{66}$ $+ 489658159196308669816234486011 z^{64}$	

{[112, 2, 103]}	$x^9 + x^8 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+805837427709750134341296016160 z^{62} \\ &+1149199529249285333550571252496 z^{60} \\ &+1421441765741217895370084053728 z^{58} \\ &+1525742362847504595842433756792 z^{56} \\ &+1421441765741217895370084053728 z^{54} \\ &+1149199529249285333550571252496 z^{52} \\ &+805837427709750134341296016160 z^{50} \\ &+489658159196308669816234486011 z^{48} \\ &+257498556441451962882438663064 z^{46} \\ &+116993417876311003118297807132 z^{44} \\ &+45828477561825081791755395560 z^{42} \\ &+15437527065090279564423457638 z^{40} \\ &+4458078900862405485805234376 z^{38} \\ &+1099659462408079744110025996 z^{36} \\ &+230697789235653523234776248 z^{34} \\ &+40956158130049689258589193 z^{32} \\ &+6116908909024081769682480 z^{30} \\ &+763297584450890151258904 z^{28} \\ &+78940213327989090292432 z^{26} \\ &+6702081847034381518116 z^{24} \\ &+461866468198204669264 z^{22} \\ &+25487616571960963672 z^{20} \\ &+1107896043823713200 z^{18} \\ &+37172196420209403 z^{16} \\ &+938662797582856 z^{14} + 17292874621204 z^{12} \\ &+224583858296 z^{10} + 2014758970 z^8 \\ &+12990936 z^6 + 65604 z^4 + 168 z^2 + 1 \end{aligned} $	{[56, 2 $\sqrt{7}$]}
		$ \begin{aligned} &z^{112} + 336 z^{110} + 120708 z^{108} + 23648688 z^{106} \\ &+ 3118298554 z^{104} + 290172548848 z^{102} \\ &+ 19695928603988 z^{100} + 995586492922896 z^{98} \\ &+ 38071751808839931 z^{96} \end{aligned} $	

$\{[112, 2, 103]\}$

$x^9 + x^8 + x + 1$

$+1117502518793539424 z^{94}$
 $+25555954158501848536 z^{92}$
 $+462167559004186191520 z^{90}$
 $+6702673985317176913956 z^{88}$
 $+78938979860578018480544 z^{86}$
 $+763287546786145674242712 z^{84}$
 $+6116893442008503587587168 z^{82}$
 $+40956197155462095664384521 z^{80}$
 $+230697944138484367999869296 z^{78}$
 $+1099659468221139251281672908 z^{76}$
 $+4458078245683738257494993808 z^{74}$
 $+15437526489248237576580212198 z^{72}$
 $+45828479220233684316374121936 z^{70}$
 $+116993420366219109776524658652 z^{68}$
 $+257498553727421368194814871344 z^{66}$
 $+489658153115666453251979932923 z^{64}$
 $+805837430477655818302015964736 z^{62}$
 $+1149199539274330284374657507344 z^{60}$
 $+1421441764545608775874176929216 z^{58}$
 $+1525742351059624613587527829624 z^{56}$
 $+1421441764545608775874176929216 z^{54}$
 $+1149199539274330284374657507344 z^{52}$
 $+805837430477655818302015964736 z^{50}$
 $+489658153115666453251979932923 z^{48}$
 $+257498553727421368194814871344 z^{46}$
 $+116993420366219109776524658652 z^{44}$
 $+45828479220233684316374121936 z^{42}$
 $+15437526489248237576580212198 z^{40}$
 $+4458078245683738257494993808 z^{38}$
 $+1099659468221139251281672908 z^{36}$
 $+230697944138484367999869296 z^{34}$

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

		$+40956197155462095664384521 z^{32}$ $+6116893442008503587587168 z^{30}$ $+763287546786145674242712 z^{28}$ $+78938979860578018480544 z^{26}$ $+6702673985317176913956 z^{24}$ $+462167559004186191520 z^{22}$ $+25555954158501848536 z^{20}$ $+1117502518793539424 z^{18}$ $+38071751808839931 z^{16}$ $+995586492922896 z^{14} + 19695928603988 z^{12}$ $+290172548848 z^{10} + 3118298554 z^8$ $+23648688 z^6 + 120708 z^4 + 336 z^2 + 1$	
		$10604499373 z^{108} + 2099690875854 z^{106}$ $+194221406016495 z^{104}$ $+11160556902122628 z^{102}$ $+447016838551251111 z^{100}$ $+13278050929659001590 z^{98}$ $+303959035449940365885 z^{96}$ $+5503942505209882939920 z^{94}$ $+80328228389571113196102 z^{92}$ $+958481993974715238112084 z^{90}$ $+9456007517944054567904898 z^{88}$ $+77844404799626327034409224 z^{86}$ $+538859904469455694991219562 z^{84}$ $+3157069094465186263753750932 z^{82}$ $+15742678069888302863306724462 z^{80}$ $+67134824061507829890753451728 z^{78}$ $+245860922722232885249691228447 z^{76}$ $+775972962699685548467710225770 z^{74}$ $+2117073402221504149326124242645 z^{72}$ $+5005771909597630029374994046140 z^{70}$	

{[117, 2, 108]}	$x^9 + 1$	$ \begin{aligned} &+10279710649353985541626555442565 z^{68} \\ &+18366416985349595194740975839442 z^{66} \\ &+28589233643320321818469656915687 z^{64} \\ &+38812049496982942705285175289888 z^{62} \\ &+45985955779423959156299596927812 z^{60} \\ &+47571679396384422874557404026104 z^{58} \\ &+42970484701221556704168491929836 z^{56} \\ &+33883535738455025052598818744432 z^{54} \\ &+23311220395368879258501182063292 z^{52} \\ &+13980406403192436232578658275768 z^{50} \\ &+7300084694405993811649017935700 z^{48} \\ &+3313680356359469298871397083680 z^{46} \\ &+1305045220092927198019235676315 z^{44} \\ &+444891026461423838908855415874 z^{42} \\ &+130912925675321220179279713065 z^{40} \\ &+33142535618191462608167387196 z^{38} \\ &+7191116380662360877179862465 z^{36} \\ &+1331294046581807138995634106 z^{34} \\ &+209201537778732989340527547 z^{32} \\ &+27736674104853106767785424 z^{30} \\ &+3081173284092175189032726 z^{28} \\ &+284488151281373964102516 z^{26} \\ &+21633336875125240993650 z^{24} \\ &+1341043172437697880840 z^{22} \\ &+67016496468574360890 z^{20} \\ &+2668665428960218740 z^{18} \\ &+83706111041623902 z^{16} \\ &+2044758195861264 z^{14} + 38433087502329 z^{12} \\ &+547568654022 z^{10} + 5788164915 z^8 \\ &+43893252 z^6 + 225459 z^4 + 702 z^2 + 1 \end{aligned} $	$ \left\{ \left[\frac{117}{2}, \frac{3\sqrt{13}}{2} \right] \right\} $
		$571438 z^{114} + 214289250 z^{112} + 37774051833 z^{110}$	

$\{[119, 2, 110]\}$

$$x^9 + x^6 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned}
&+4118784081265 z^{108} + 305071297470905 z^{106} \\
&+16168756483631129 z^{104} \\
&+636764685135548823 z^{102} \\
&+19181138014908322719 z^{100} \\
&+452126810753798189317 z^{98} \\
&+8493908090621472470217 z^{96} \\
&+129107402992388025075934 z^{94} \\
&+1607773385286737092742766 z^{92} \\
&+16576698008629615641977934 z^{90} \\
&+142773495752817140807070062 z^{88} \\
&+1035107844193256089821994842 z^{86} \\
&+6358519614361020730459230730 z^{84} \\
&+33281981044537738940257103056 z^{82} \\
&+149162562818902756689439620180 z^{80} \\
&+574821583546339207390434719891 z^{78} \\
&+1911615963886415833487935335611 z^{76} \\
&+5503136865733193989476934833507 z^{74} \\
&+13750205989220135906674535756067 z^{72} \\
&+29885651792894912608663135230757 z^{70} \\
&+56606940454778091036780912056637 z^{68} \\
&+93578091695201071129952329280347 z^{66} \\
&+135168354670842285708307025504815 z^{64} \\
&+170738974321066902720644019424660 z^{62} \\
&+188700993828835450724769712279540 z^{60} \\
&+182514075998379194617617770592500 z^{58} \\
&+154478119623823164622141093566260 z^{56} \\
&+114373223183021646973433153292828 z^{54} \\
&+74024460594709460278237178633788 z^{52} \\
&+41839912510054432105789414140358 z^{50} \\
&+20625308983828885985211119213538 z^{48} \\
&+8852872349223413030014433374863 z^{46}
\end{aligned}$$

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

		$+3301882119440337179139963047639 z^{44}$ $+1067525798014352284940203076847 z^{42}$ $+298325125637942783643806124239 z^{40}$ $+71819011727676101192488421489 z^{38}$ $+14836545766816326609060423209 z^{36}$ $+2618213958857266181753015899 z^{34}$ $+392627113317671613696313383 z^{32}$ $+49730094024578367134585774 z^{30}$ $+5282683981068513133155006 z^{28}$ $+466772918375443447390686 z^{26}$ $+33975632321861675210878 z^{24}$ $+2014019451307773278698 z^{22}$ $+95905687935807741978 z^{20}$ $+3608332467740333340 z^{18}$ $+105097110397207880 z^{16}$ $+2309831073747141 z^{14} + 37063745979869 z^{12}$ $+415545412821 z^{10} + 3072601301 z^8$ $+14497651 z^6 + 60571 z^4 + 357 z^2 + 1$	
		$571438 z^{114} + 214289250 z^{112} + 37774051833 z^{110}$ $+4118784081265 z^{108} + 305071297470905 z^{106}$ $+16168756483631129 z^{104}$ $+636764685135548823 z^{102}$ $+19181138014908322719 z^{100}$ $+452126810753798189317 z^{98}$ $+8493908090621472470217 z^{96}$ $+129107402992388025075934 z^{94}$ $+1607773385286737092742766 z^{92}$ $+16576698008629615641977934 z^{90}$ $+142773495752817140807070062 z^{88}$ $+1035107844193256089821994842 z^{86}$ $+6358519614361020730459230730 z^{84}$	

$\{[119, 2, 110]\}$

$$x^9 + x^8 + x^6 + x^3 + x + 1$$

$$\begin{aligned} &+ 33281981044537738940257103056 z^{82} \\ &+ 149162562818902756689439620180 z^{80} \\ &+ 574821583546339207390434719891 z^{78} \\ &+ 1911615963886415833487935335611 z^{76} \\ &+ 5503136865733193989476934833507 z^{74} \\ &+ 13750205989220135906674535756067 z^{72} \\ &+ 29885651792894912608663135230757 z^{70} \\ &+ 56606940454778091036780912056637 z^{68} \\ &+ 93578091695201071129952329280347 z^{66} \\ &+ 135168354670842285708307025504815 z^{64} \\ &+ 170738974321066902720644019424660 z^{62} \\ &+ 188700993828835450724769712279540 z^{60} \\ &+ 182514075998379194617617770592500 z^{58} \\ &+ 154478119623823164622141093566260 z^{56} \\ &+ 114373223183021646973433153292828 z^{54} \\ &+ 74024460594709460278237178633788 z^{52} \\ &+ 41839912510054432105789414140358 z^{50} \\ &+ 20625308983828885985211119213538 z^{48} \\ &+ 8852872349223413030014433374863 z^{46} \\ &+ 3301882119440337179139963047639 z^{44} \\ &+ 1067525798014352284940203076847 z^{42} \\ &+ 298325125637942783643806124239 z^{40} \\ &+ 71819011727676101192488421489 z^{38} \\ &+ 14836545766816326609060423209 z^{36} \\ &+ 2618213958857266181753015899 z^{34} \\ &+ 392627113317671613696313383 z^{32} \\ &+ 49730094024578367134585774 z^{30} \\ &+ 5282683981068513133155006 z^{28} \\ &+ 466772918375443447390686 z^{26} \\ &+ 33975632321861675210878 z^{24} \\ &+ 2014019451307773278698 z^{22} \end{aligned}$$

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

		$+95905687935807741978 z^{20}$ $+3608332467740333340 z^{18}$ $+105097110397207880 z^{16}$ $+2309831073747141 z^{14} + 37063745979869 z^{12}$ $+415545412821 z^{10} + 3072601301 z^8$ $+14497651 z^6 + 60571 z^4 + 357 z^2 + 1$	
		$z^{120} + 120 z^{118} + 61290 z^{116} + 17397720 z^{114}$ $+ 3467640915 z^{112} + 459345573264 z^{110}$ $+ 41291312561140 z^{108}$ $+ 2615965805298960 z^{106}$ $+ 121270080162931245 z^{104}$ $+ 4245082875706210440 z^{102}$ $+ 115086650974554995118 z^{100}$ $+ 2466146173896436414440 z^{98}$ $+ 42469543494153009339695 z^{96}$ $+ 595880324702303538681120 z^{94}$ $+ 6890457329787493605668040 z^{92}$ $+ 66306792004158424409470752 z^{90}$ $+ 535400609388707676429605565 z^{88}$ $+ 3653321803095485256625858680 z^{86}$ $+ 21195065379213587961906055290 z^{84}$ $+ 105100992773362422132799849560 z^{82}$ $+ 447487688464790362007226302775 z^{80}$ $+ 1642347381549949249507329198320 z^{78}$ $+ 5213498083308878573867249026380 z^{76}$ $+ 14356009215001904214999711569520 z^{74}$ $+ 34375514973058304110126298329225 z^{72}$ $+ 71725564302843715436121982394184 z^{70}$ $+ 130631401049546571067887247306350 z^{68}$ $+ 207951314878357637413342725753640 z^{66}$ $+ 289646474294490718381599591183315 z^{64}$	

$\{[120, 2, 111]\}$	$x^9 + x^5 + x^4 + 1$	$+353253050319380922495837531625920 z^{62}$ $+377401987657907303292756112004080 z^{60}$ $+353253050319380922495837531625920 z^{58}$ $+289646474294490718381599591183315 z^{56}$ $+207951314878357637413342725753640 z^{54}$ $+130631401049546571067887247306350 z^{52}$ $+71725564302843715436121982394184 z^{50}$ $+34375514973058304110126298329225 z^{48}$ $+14356009215001904214999711569520 z^{46}$ $+5213498083308878573867249026380 z^{44}$ $+1642347381549949249507329198320 z^{42}$ $+447487688464790362007226302775 z^{40}$ $+105100992773362422132799849560 z^{38}$ $+21195065379213587961906055290 z^{36}$ $+3653321803095485256625858680 z^{34}$ $+535400609388707676429605565 z^{32}$ $+66306792004158424409470752 z^{30}$ $+6890457329787493605668040 z^{28}$ $+595880324702303538681120 z^{26}$ $+42469543494153009339695 z^{24}$ $+2466146173896436414440 z^{22}$ $+115086650974554995118 z^{20}$ $+4245082875706210440 z^{18}$ $+121270080162931245 z^{16}$ $+2615965805298960 z^{14} + 41291312561140 z^{12}$ $+459345573264 z^{10} + 3467640915 z^8$ $+17397720 z^6 + 61290 z^4 + 120 z^2 + 1$	$\{[60, \sqrt{30}]\}$
		$z^{120} + 180 z^{118} + 38730 z^{116} + 14337540 z^{114}$ $+ 3281185875 z^{112} + 453381211416 z^{110}$ $+ 41183210986420 z^{108}$ $+ 2614896925736280 z^{106}$	

$\{[120, 2, 111]\}$

$x^9 + x^5 + x^4 + x^2 + x + 1$

$+121265842992760365 z^{104}$
 $+4245097501062517260 z^{102}$
 $+115086825079153970766 z^{100}$
 $+2466146257666423184220 z^{98}$
 $+42469540447932730432815 z^{96}$
 $+595880321287114319688240 z^{94}$
 $+6890457366243881598893640 z^{92}$
 $+66306792034390948691362096 z^{90}$
 $+535400609067444133417499325 z^{88}$
 $+3653321803051954381607548980 z^{86}$
 $+21195065381190883270305545050 z^{84}$
 $+105100992772169058447799758660 z^{82}$
 $+447487688456905035902955597111 z^{80}$
 $+1642347381560708940704243296680 z^{78}$
 $+5213498083326525431403364123020 z^{76}$
 $+14356009214957054401283442057960 z^{74}$
 $+34375514973048637258067443053705 z^{72}$
 $+71725564302949200183450785468076 z^{70}$
 $+130631401049488416097163475894030 z^{68}$
 $+207951314878221600340766153758140 z^{66}$
 $+289646474294665958004539518817235 z^{64}$
 $+353253050319446630808321039515040 z^{62}$
 $+377401987657669853636569488132336 z^{60}$
 $+353253050319446630808321039515040 z^{58}$
 $+289646474294665958004539518817235 z^{56}$
 $+207951314878221600340766153758140 z^{54}$
 $+130631401049488416097163475894030 z^{52}$
 $+71725564302949200183450785468076 z^{50}$
 $+34375514973048637258067443053705 z^{48}$
 $+14356009214957054401283442057960 z^{46}$
 $+5213498083326525431403364123020 z^{44}$

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

		$+1642347381560708940704243296680 z^{42}$ $+447487688456905035902955597111 z^{40}$ $+105100992772169058447799758660 z^{38}$ $+21195065381190883270305545050 z^{36}$ $+3653321803051954381607548980 z^{34}$ $+535400609067444133417499325 z^{32}$ $+66306792034390948691362096 z^{30}$ $+6890457366243881598893640 z^{28}$ $+595880321287114319688240 z^{26}$ $+42469540447932730432815 z^{24}$ $+2466146257666423184220 z^{22}$ $+115086825079153970766 z^{20}$ $+4245097501062517260 z^{18}$ $+121265842992760365 z^{16}$ $+2614896925736280 z^{14} + 41183210986420 z^{12}$ $+453381211416 z^{10} + 3281185875 z^8$ $+14337540 z^6 + 38730 z^4 + 180 z^2 + 1$	
		$z^{120} + 540 z^{118} + 166170 z^{116} + 33537420 z^{114}$ $+4913376915 z^{112} + 532253677512 z^{110}$ $+43468173629140 z^{108}$ $+2655987946294920 z^{106}$ $+121722928191217005 z^{104}$ $+4248012549365629860 z^{102}$ $+115093945241934007614 z^{100}$ $+2466116396946052545300 z^{98}$ $+42469306301987720537775 z^{96}$ $+595880155592905756575120 z^{94}$ $+6890459886079935470760840 z^{92}$ $+66306796966095152264297104 z^{90}$ $+535400592175087574566006845 z^{88}$ $+3653321758094167886553909660 z^{86}$	

$\{[120, 2, 111]\}$

$$x^9 + x^6 + x^3 + 1$$

$$\begin{aligned} &+21195065468404724707975996330 z^{84} \\ &+105100993020314419523751363660 z^{82} \\ &+447487688074782590892328175607 z^{80} \\ &+1642347380630097716239057420920 z^{78} \\ &+5213498084736971092053549054060 z^{76} \\ &+14356009217378908028532561900600 z^{74} \\ &+34375514968918294072545594570825 z^{72} \\ &+71725564298675038028727091154052 z^{70} \\ &+130631401058609675195106778015230 z^{68} \\ &+207951314882911689642624163129140 z^{66} \\ &+289646474279881654086422052691155 z^{64} \\ &+353253050317331534578329038004960 z^{62} \\ &+377401987675054753707637889317488 z^{60} \\ &+353253050317331534578329038004960 z^{58} \\ &+289646474279881654086422052691155 z^{56} \\ &+207951314882911689642624163129140 z^{54} \\ &+130631401058609675195106778015230 z^{52} \\ &+71725564298675038028727091154052 z^{50} \\ &+34375514968918294072545594570825 z^{48} \\ &+14356009217378908028532561900600 z^{46} \\ &+5213498084736971092053549054060 z^{44} \\ &+1642347380630097716239057420920 z^{42} \\ &+447487688074782590892328175607 z^{40} \\ &+105100993020314419523751363660 z^{38} \\ &+21195065468404724707975996330 z^{36} \\ &+3653321758094167886553909660 z^{34} \\ &+535400592175087574566006845 z^{32} \\ &+66306796966095152264297104 z^{30} \\ &+6890459886079935470760840 z^{28} \\ &+595880155592905756575120 z^{26} \\ &+42469306301987720537775 z^{24} \end{aligned}$$

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

		$+2466116396946052545300 z^{22}$ $+115093945241934007614 z^{20}$ $+4248012549365629860 z^{18}$ $+121722928191217005 z^{16}$ $+2655987946294920 z^{14} + 43468173629140 z^{12}$ $+532253677512 z^{10} + 4913376915 z^8$ $+33537420 z^6 + 166170 z^4 + 540 z^2 + 1$	
		$z^{120} + 420 z^{118} + 83370 z^{116} + 18264500 z^{114}$ $+ 3478364115 z^{112} + 459299307576 z^{110}$ $+ 41289236748660 z^{108}$ $+ 2615959364233080 z^{106}$ $+ 121270203866329005 z^{104}$ $+ 4245083213437902620 z^{102}$ $+ 115086645640411772526 z^{100}$ $+ 2466146177551877890860 z^{98}$ $+ 42469543592392793266735 z^{96}$ $+ 595880324401037326896240 z^{94}$ $+ 6890457329273407248014280 z^{92}$ $+ 66306792008531145044991856 z^{90}$ $+ 535400609382985015701839805 z^{88}$ $+ 3653321803077074476921561380 z^{86}$ $+ 21195065379285263050123234490 z^{84}$ $+ 105100992773319528706502188020 z^{82}$ $+ 447487688464544449336091582391 z^{80}$ $+ 1642347381550562669803001625480 z^{78}$ $+ 5213498083308665064265336102860 z^{76}$ $+ 14356009215000414973214994292680 z^{74}$ $+ 34375514973061202018468796298505 z^{72}$ $+ 71725564302842839287809873776956 z^{70}$ $+ 130631401049541833528528012973870 z^{68}$ $+ 207951314878365894886805251570700 z^{66}$	

$\{[120, 2, 111]\}$	$x^9+x^6+x^5+x^4+x+1$	$+289646474294487093880723575759315 z^{64}$ $+353253050319374330105752974938400 z^{62}$ $+377401987657919307568727040988656 z^{60}$ $+353253050319374330105752974938400 z^{58}$ $+289646474294487093880723575759315 z^{56}$ $+207951314878365894886805251570700 z^{54}$ $+130631401049541833528528012973870 z^{52}$ $+71725564302842839287809873776956 z^{50}$ $+34375514973061202018468796298505 z^{48}$ $+14356009215000414973214994292680 z^{46}$ $+5213498083308665064265336102860 z^{44}$ $+1642347381550562669803001625480 z^{42}$ $+447487688464544449336091582391 z^{40}$ $+105100992773319528706502188020 z^{38}$ $+21195065379285263050123234490 z^{36}$ $+3653321803077074476921561380 z^{34}$ $+535400609382985015701839805 z^{32}$ $+66306792008531145044991856 z^{30}$ $+6890457329273407248014280 z^{28}$ $+595880324401037326896240 z^{26}$ $+42469543592392793266735 z^{24}$ $+2466146177551877890860 z^{22}$ $+115086645640411772526 z^{20}$ $+4245083213437902620 z^{18}$ $+121270203866329005 z^{16}$ $+2615959364233080 z^{14}+41289236748660 z^{12}$ $+459299307576 z^{10}+3478364115 z^8$ $+18264500 z^6+83370 z^4+420 z^2+1$	$\{[60, \sqrt{30}]\}$
		$z^{120}+60 z^{118}+37530 z^{116}+14288940 z^{114}$ $+3281906835 z^{112}+453381230472 z^{110}$ $+41183193337300 z^{108}$	

$\{[120, 2, 111]\}$ $x^9 + x^7 + x^5 + x^2 + x + 1$
$$\begin{aligned} &+2614896529256520 z^{106} \\ &+121265850163786605 z^{104} \\ &+4245097449127035780 z^{102} \\ &+115086825286477487550 z^{100} \\ &+2466146257265470023540 z^{98} \\ &+42469540447658916231855 z^{96} \\ &+595880321290496220525840 z^{94} \\ &+6890457366240956876843400 z^{92} \\ &+66306792034349772381454864 z^{90} \\ &+535400609067674053746074685 z^{88} \\ &+3653321803051295197291025340 z^{86} \\ &+21195065381192041351424981290 z^{84} \\ &+105100992772168013942320267500 z^{82} \\ &+447487688456904752920591852023 z^{80} \\ &+1642347381560710126537424500920 z^{78} \\ &+5213498083326529997701840941420 z^{76} \\ &+14356009214957028488226094464120 z^{74} \\ &+34375514973048702198754146355785 z^{72} \\ &+71725564302949095305180905993572 z^{70} \\ &+130631401049488526658104499746430 z^{68} \\ &+207951314878221548726199382180500 z^{66} \\ &+289646474294665893403036262749395 z^{64} \\ &+353253050319446813770319347192800 z^{62} \\ &+377401987657669620499653541064304 z^{60} \\ &+353253050319446813770319347192800 z^{58} \\ &+289646474294665893403036262749395 z^{56} \\ &+207951314878221548726199382180500 z^{54} \\ &+130631401049488526658104499746430 z^{52} \\ &+71725564302949095305180905993572 z^{50} \\ &+34375514973048702198754146355785 z^{48} \\ &+14356009214957028488226094464120 z^{46} \end{aligned}$$
 $\{[60, \sqrt{30}]\}$

		$+5213498083326529997701840941420 z^{44}$ $+1642347381560710126537424500920 z^{42}$ $+447487688456904752920591852023 z^{40}$ $+105100992772168013942320267500 z^{38}$ $+21195065381192041351424981290 z^{36}$ $+3653321803051295197291025340 z^{34}$ $+535400609067674053746074685 z^{32}$ $+66306792034349772381454864 z^{30}$ $+6890457366240956876843400 z^{28}$ $+595880321290496220525840 z^{26}$ $+42469540447658916231855 z^{24}$ $+2466146257265470023540 z^{22}$ $+115086825286477487550 z^{20}$ $+4245097449127035780 z^{18}$ $+121265850163786605 z^{16}$ $+2614896529256520 z^{14} + 41183193337300 z^{12}$ $+453381230472 z^{10} + 3281906835 z^8$ $+14288940 z^6 + 37530 z^4 + 60 z^2 + 1$	
		$z^{120} + 180 z^{118} + 54090 z^{116} + 16877060 z^{114}$ $+ 3447872595 z^{112} + 459050157336 z^{110}$ $+ 41290385191860 z^{108}$ $+ 2615981065256280 z^{106}$ $+ 121270145812723245 z^{104}$ $+ 4245082449522364940 z^{102}$ $+ 115086648898835194446 z^{100}$ $+ 2466146186928167803740 z^{98}$ $+ 42469543510229519138095 z^{96}$ $+ 595880324482956938506800 z^{94}$ $+ 6890457330002362162687560 z^{92}$ $+ 66306792006001844247478576 z^{90}$ $+ 535400609383028023645395645 z^{88}$	

$\{[120, 2, 111]\}$

$$x^9 + x^7 + x^5 + x^4 + x^2 + 1$$

$$\begin{aligned} &+ 3653321803094138199425988660 z^{86} \\ &+ 21195065379248828944867301210 z^{84} \\ &+ 105100992773307077274234810180 z^{82} \\ &+ 447487688464730454472038415671 z^{80} \\ &+ 1642347381550260281929687525800 z^{78} \\ &+ 5213498083308578355435408943500 z^{76} \\ &+ 14356009215001476875863071154920 z^{74} \\ &+ 34375514973059643377268886668425 z^{72} \\ &+ 71725564302842889215596680318636 z^{70} \\ &+ 130631401049544936430677396165390 z^{68} \\ &+ 207951314878361212625676273898940 z^{66} \\ &+ 289646474294488878187159103001555 z^{64} \\ &+ 353253050319378200750777507298720 z^{62} \\ &+ 377401987657912523323553368221936 z^{60} \\ &+ 353253050319378200750777507298720 z^{58} \\ &+ 289646474294488878187159103001555 z^{56} \\ &+ 207951314878361212625676273898940 z^{54} \\ &+ 130631401049544936430677396165390 z^{52} \\ &+ 71725564302842889215596680318636 z^{50} \\ &+ 34375514973059643377268886668425 z^{48} \\ &+ 14356009215001476875863071154920 z^{46} \\ &+ 5213498083308578355435408943500 z^{44} \\ &+ 1642347381550260281929687525800 z^{42} \\ &+ 447487688464730454472038415671 z^{40} \\ &+ 105100992773307077274234810180 z^{38} \\ &+ 21195065379248828944867301210 z^{36} \\ &+ 3653321803094138199425988660 z^{34} \\ &+ 535400609383028023645395645 z^{32} \\ &+ 66306792006001844247478576 z^{30} \\ &+ 6890457330002362162687560 z^{28} \\ &+ 595880324482956938506800 z^{26} \end{aligned}$$

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

		$+42469543510229519138095 z^{24}$ $+2466146186928167803740 z^{22}$ $+115086648898835194446 z^{20}$ $+4245082449522364940 z^{18}$ $+121270145812723245 z^{16}$ $+2615981065256280 z^{14} + 41290385191860 z^{12}$ $+459050157336 z^{10} + 3447872595 z^8$ $+16877060 z^6 + 54090 z^4 + 180 z^2 + 1$	
		$z^{120} + 40410 z^{116} + 14806400 z^{114} + 3302360595 z^{112}$ $+ 453676128384 z^{110} + 41184023419220 z^{108}$ $+ 2614882410921600 z^{106}$ $+ 121265777830322925 z^{104}$ $+ 4245097899019255680 z^{102}$ $+ 115086827302898303358 z^{100}$ $+ 2466146244442099334400 z^{98}$ $+ 42469540430185071891375 z^{96}$ $+ 595880321517997900220160 z^{94}$ $+ 6890457365992285093059720 z^{92}$ $+ 66306792032607394344480512 z^{90}$ $+ 535400609073134226018362685 z^{88}$ $+ 3653321803052978164224718080 z^{86}$ $+ 21195065381156459554287225450 z^{84}$ $+ 105100992772223701515191452800 z^{82}$ $+ 447487688456963307833173536375 z^{80}$ $+ 1642347381560405050308825148800 z^{78}$ $+ 5213498083326812498420551646700 z^{76}$ $+ 14356009214957493947079403056000 z^{74}$ $+ 34375514973047300971056281601225 z^{72}$ $+ 71725564302949996874356820287104 z^{70}$ $+ 130631401049490100261405117347390 z^{68}$ $+ 207951314878217984291303890419200 z^{66}$	

{[120, 2, 111]}	$x^9 + x^7 + x^4 + x^3 + x + 1$	$ \begin{aligned} &+289646474294667797120374395513555 z^{64} \\ &+353253050319449404525326145067520 z^{62} \\ &+377401987657664558743784144754800 z^{60} \\ &+353253050319449404525326145067520 z^{58} \\ &+289646474294667797120374395513555 z^{56} \\ &+207951314878217984291303890419200 z^{54} \\ &+130631401049490100261405117347390 z^{52} \\ &+71725564302949996874356820287104 z^{50} \\ &+34375514973047300971056281601225 z^{48} \\ &+14356009214957493947079403056000 z^{46} \\ &+5213498083326812498420551646700 z^{44} \\ &+1642347381560405050308825148800 z^{42} \\ &+447487688456963307833173536375 z^{40} \\ &+105100992772223701515191452800 z^{38} \\ &+21195065381156459554287225450 z^{36} \\ &+3653321803052978164224718080 z^{34} \\ &+535400609073134226018362685 z^{32} \\ &+66306792032607394344480512 z^{30} \\ &+6890457365992285093059720 z^{28} \\ &+595880321517997900220160 z^{26} \\ &+42469540430185071891375 z^{24} \\ &+2466146244442099334400 z^{22} \\ &+115086827302898303358 z^{20} \\ &+4245097899019255680 z^{18} \\ &+121265777830322925 z^{16} \\ &+2614882410921600 z^{14} + 41184023419220 z^{12} \\ &+453676128384 z^{10} + 3302360595 z^8 \\ &+14806400 z^6 + 40410 z^4 + 1 \end{aligned} $	{[60, $\sqrt{30}$]}
		$ \begin{aligned} &z^{120} + 240 z^{118} + 80220 z^{116} + 18221600 z^{114} \\ &+ 3420589275 z^{112} + 455405070000 z^{110} \\ &+ 41189733974600 z^{108} \end{aligned} $	

$\{[120, 2, 111]\}$

$x^9 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + 1$

$+2614795651436400 z^{106}$
 $+121265320550405205 z^{104}$
 $+4245100826808999360 z^{102}$
 $+115086838663684740084 z^{100}$
 $+2466146166689105218800 z^{98}$
 $+42469540342371586487775 z^{96}$
 $+595880322811445965090080 z^{94}$
 $+6890457364631138640580560 z^{92}$
 $+66306792022258218268322336 z^{90}$
 $+535400609104577511897044205 z^{88}$
 $+3653321803066669842216813840 z^{86}$
 $+21195065380939680900513900540 z^{84}$
 $+105100992772547675095009380480 z^{82}$
 $+447487688457363636626145420111 z^{80}$
 $+1642347381558469148483138054160 z^{78}$
 $+5213498083328632183880613581880 z^{76}$
 $+14356009214960271747127628264400 z^{74}$
 $+34375514973038624903011414687425 z^{72}$
 $+71725564302956014923845203597728 z^{70}$
 $+130631401049498830312091208829620 z^{68}$
 $+207951314878196897629386402636560 z^{66}$
 $+289646474294679816093917375738355 z^{64}$
 $+353253050319463410791304201082560 z^{62}$
 $+377401987657636130176964548113248 z^{60}$
 $+353253050319463410791304201082560 z^{58}$
 $+289646474294679816093917375738355 z^{56}$
 $+207951314878196897629386402636560 z^{54}$
 $+130631401049498830312091208829620 z^{52}$
 $+71725564302956014923845203597728 z^{50}$
 $+34375514973038624903011414687425 z^{48}$
 $+14356009214960271747127628264400 z^{46}$

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

		$+5213498083328632183880613581880 z^{44}$ $+1642347381558469148483138054160 z^{42}$ $+447487688457363636626145420111 z^{40}$ $+105100992772547675095009380480 z^{38}$ $+21195065380939680900513900540 z^{36}$ $+3653321803066669842216813840 z^{34}$ $+535400609104577511897044205 z^{32}$ $+66306792022258218268322336 z^{30}$ $+6890457364631138640580560 z^{28}$ $+595880322811445965090080 z^{26}$ $+42469540342371586487775 z^{24}$ $+2466146166689105218800 z^{22}$ $+115086838663684740084 z^{20}$ $+4245100826808999360 z^{18}$ $+121265320550405205 z^{16}$ $+2614795651436400 z^{14} + 41189733974600 z^{12}$ $+455405070000 z^{10} + 3420589275 z^8$ $+18221600 z^6 + 80220 z^4 + 240 z^2 + 1$	
		$z^{120} + 420 z^{118} + 83370 z^{116} + 16953780 z^{114}$ $+ 3344670675 z^{112} + 453900451896 z^{110}$ $+ 41180515146100 z^{108}$ $+ 2614854800828280 z^{106}$ $+ 121265969802948525 z^{104}$ $+ 4245098918467903260 z^{102}$ $+ 115086818896854939246 z^{100}$ $+ 2466146239579429102380 z^{98}$ $+ 42469540602554778393135 z^{96}$ $+ 595880321161970520378480 z^{94}$ $+ 6890457364721209971055560 z^{92}$ $+ 66306792039358580755210096 z^{90}$ $+ 535400609068199547958239165 z^{88}$	

$\{[120, 2, 111]\}$

$$x^9 + x^7 + x^6 + x^3 + x^2 + 1$$

$$\begin{aligned} &+ 3653321803015496647627809060 z^{86} \\ &+ 21195065381266514189506038970 z^{84} \\ &+ 105100992772197248341621496820 z^{82} \\ &+ 447487688456510978566098755511 z^{80} \\ &+ 1642347381561362416172637895560 z^{78} \\ &+ 5213498083326646135223883538380 z^{76} \\ &+ 14356009214954913752736454762440 z^{74} \\ &+ 34375514973051940479393636807945 z^{72} \\ &+ 71725564302948707954696423444796 z^{70} \\ &+ 130631401049482687888696970188590 z^{68} \\ &+ 207951314878230675941719964924940 z^{66} \\ &+ 289646474294662226092399686934995 z^{64} \\ &+ 353253050319439538051263268278560 z^{62} \\ &+ 377401987657682564117710370248176 z^{60} \\ &+ 353253050319439538051263268278560 z^{58} \\ &+ 289646474294662226092399686934995 z^{56} \\ &+ 207951314878230675941719964924940 z^{54} \\ &+ 130631401049482687888696970188590 z^{52} \\ &+ 71725564302948707954696423444796 z^{50} \\ &+ 34375514973051940479393636807945 z^{48} \\ &+ 14356009214954913752736454762440 z^{46} \\ &+ 5213498083326646135223883538380 z^{44} \\ &+ 1642347381561362416172637895560 z^{42} \\ &+ 447487688456510978566098755511 z^{40} \\ &+ 105100992772197248341621496820 z^{38} \\ &+ 21195065381266514189506038970 z^{36} \\ &+ 3653321803015496647627809060 z^{34} \\ &+ 535400609068199547958239165 z^{32} \\ &+ 66306792039358580755210096 z^{30} \\ &+ 6890457364721209971055560 z^{28} \\ &+ 595880321161970520378480 z^{26} \end{aligned}$$

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

		$+42469540602554778393135 z^{24}$ $+2466146239579429102380 z^{22}$ $+115086818896854939246 z^{20}$ $+4245098918467903260 z^{18}$ $+121265969802948525 z^{16}$ $+2614854800828280 z^{14} + 41180515146100 z^{12}$ $+453900451896 z^{10} + 3344670675 z^8$ $+16953780 z^6 + 83370 z^4 + 420 z^2 + 1$	
		$z^{120} + 660 z^{118} + 200970 z^{116} + 37449060 z^{114}$ $+ 4777453395 z^{112} + 504360889176 z^{110}$ $+ 42148492716340 z^{108}$ $+ 2624652005425560 z^{106}$ $+ 121304548478188845 z^{104}$ $+ 4244962238085200940 z^{102}$ $+ 115085238844315798926 z^{100}$ $+ 2466145619868669332220 z^{98}$ $+ 42469568026060769398575 z^{96}$ $+ 595880349978541799294640 z^{94}$ $+ 6890457040198666723331400 z^{92}$ $+ 66306791778999434686373296 z^{90}$ $+ 535400611906345610365172925 z^{88}$ $+ 3653321803435479740281285140 z^{86}$ $+ 21195065363707731263315911450 z^{84}$ $+ 105100992782405863517410195620 z^{82}$ $+ 447487688527370167276112662071 z^{80}$ $+ 1642347381466592020971330002280 z^{78}$ $+ 5213498083165081116426527443980 z^{76}$ $+ 14356009215356907288784299912360 z^{74}$ $+ 34375514973147339113542682345865 z^{72}$ $+ 71725564301993116239694998012876 z^{70}$ $+ 130631401049996245454052822769230 z^{68}$	

$\{[120, 2, 111]\}$	$x^9 + x^8 + x^7 + x^6 + x^5 + x^4 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+207951314879478613227154106802780 z^{66} \\ &+289646474293072555343491843030995 z^{64} \\ &+353253050318829573030833819264160 z^{62} \\ &+377401987659855443429501932878576 z^{60} \\ &+353253050318829573030833819264160 z^{58} \\ &+289646474293072555343491843030995 z^{56} \\ &+207951314879478613227154106802780 z^{54} \\ &+130631401049996245454052822769230 z^{52} \\ &+71725564301993116239694998012876 z^{50} \\ &+34375514973147339113542682345865 z^{48} \\ &+14356009215356907288784299912360 z^{46} \\ &+5213498083165081116426527443980 z^{44} \\ &+1642347381466592020971330002280 z^{42} \\ &+447487688527370167276112662071 z^{40} \\ &+105100992782405863517410195620 z^{38} \\ &+21195065363707731263315911450 z^{36} \\ &+3653321803435479740281285140 z^{34} \\ &+535400611906345610365172925 z^{32} \\ &+66306791778999434686373296 z^{30} \\ &+6890457040198666723331400 z^{28} \\ &+595880349978541799294640 z^{26} \\ &+42469568026060769398575 z^{24} \\ &+2466145619868669332220 z^{22} \\ &+115085238844315798926 z^{20} \\ &+4244962238085200940 z^{18} \\ &+121304548478188845 z^{16} \\ &+2624652005425560 z^{14} + 42148492716340 z^{12} \\ &+504360889176 z^{10} + 4777453395 z^8 \\ &+37449060 z^6 + 200970 z^4 + 660 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
		$ \begin{aligned} &z^{120} + 180 z^{118} + 69450 z^{116} + 16795140 z^{114} \\ &+ 3347172435 z^{112} + 453921391896 z^{110} \end{aligned} $	

$\{[120, 2, 111]\}$

$x^9 + x^8 + x^7 + x^6 + x + 1$

$+41180116192180 z^{108}$
 $+2614856077966680 z^{106}$
 $+121265980505925165 z^{104}$
 $+4245098808042213900 z^{102}$
 $+115086819231402751566 z^{100}$
 $+2466146240245014846300 z^{98}$
 $+42469540592850278096175 z^{96}$
 $+595880321200665944289840 z^{94}$
 $+6890457364656448172564040 z^{92}$
 $+66306792039267611224031536 z^{90}$
 $+535400609069040978386090685 z^{88}$
 $+3653321803013166358656923700 z^{86}$
 $+21195065381269276898194666330 z^{84}$
 $+105100992772200535370908479300 z^{82}$
 $+447487688456488931501135580471 z^{80}$
 $+1642347381561411115894404295080 z^{78}$
 $+5213498083326593421384548635020 z^{76}$
 $+14356009214954896909485621191400 z^{74}$
 $+34375514973052126418320011302025 z^{72}$
 $+71725564302948315581515674504876 z^{70}$
 $+130631401049483165484529230866190 z^{68}$
 $+207951314878230387020415820748220 z^{66}$
 $+289646474294662062793130909537235 z^{64}$
 $+353253050319440186584254561762720 z^{62}$
 $+377401987657681706108503906830576 z^{60}$
 $+353253050319440186584254561762720 z^{58}$
 $+289646474294662062793130909537235 z^{56}$
 $+207951314878230387020415820748220 z^{54}$
 $+130631401049483165484529230866190 z^{52}$
 $+71725564302948315581515674504876 z^{50}$
 $+34375514973052126418320011302025 z^{48}$

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

		$+14356009214954896909485621191400 z^{46}$ $+5213498083326593421384548635020 z^{44}$ $+1642347381561411115894404295080 z^{42}$ $+447487688456488931501135580471 z^{40}$ $+105100992772200535370908479300 z^{38}$ $+21195065381269276898194666330 z^{36}$ $+3653321803013166358656923700 z^{34}$ $+535400609069040978386090685 z^{32}$ $+66306792039267611224031536 z^{30}$ $+6890457364656448172564040 z^{28}$ $+595880321200665944289840 z^{26}$ $+42469540592850278096175 z^{24}$ $+2466146240245014846300 z^{22}$ $+115086819231402751566 z^{20}$ $+4245098808042213900 z^{18}$ $+121265980505925165 z^{16}$ $+2614856077966680 z^{14} + 41180116192180 z^{12}$ $+453921391896 z^{10} + 3347172435 z^8$ $+16795140 z^6 + 69450 z^4 + 180 z^2 + 1$	
		$z^{120} + 240 z^{118} + 98970 z^{116} + 22871600 z^{114}$ $+ 3906304275 z^{112} + 480834660000 z^{110}$ $+ 41948439334100 z^{108}$ $+ 2628536493674400 z^{106}$ $+ 121417911602573805 z^{104}$ $+ 4246071031710940560 z^{102}$ $+ 115089206399341447614 z^{100}$ $+ 2466136252272829102800 z^{98}$ $+ 42469462335319836857775 z^{96}$ $+ 595880266941085819763520 z^{94}$ $+ 6890458205249055620597640 z^{92}$ $+ 66306793671288943616792384 z^{90}$	

$\{[120, 2, 111]\}$ $x^9 + x^8 + x^7 + x^6 + x^3 + x^2 + x + 1$
$$\begin{aligned} &+ 535400603458325213325834045 z^{88} \\ &+ 3653321788073250614114968560 z^{86} \\ &+ 21195065410120080239421166890 z^{84} \\ &+ 105100992855101755349322258480 z^{82} \\ &+ 447487688329783103973510575991 z^{80} \\ &+ 1642347381249247863314081316960 z^{78} \\ &+ 5213498083797851835836125020780 z^{76} \\ &+ 14356009215766174902081233128800 z^{74} \\ &+ 34375514971666210220979263265225 z^{72} \\ &+ 71725564301528207293336024417296 z^{70} \\ &+ 130631401052534993117591233150590 z^{68} \\ &+ 207951314879770719552828906915920 z^{66} \\ &+ 289646474289745710263884158170835 z^{64} \\ &+ 353253050318751461651248954485120 z^{62} \\ &+ 377401987663445184966288665219696 z^{60} \\ &+ 353253050318751461651248954485120 z^{58} \\ &+ 289646474289745710263884158170835 z^{56} \\ &+ 207951314879770719552828906915920 z^{54} \\ &+ 130631401052534993117591233150590 z^{52} \\ &+ 71725564301528207293336024417296 z^{50} \\ &+ 34375514971666210220979263265225 z^{48} \\ &+ 14356009215766174902081233128800 z^{46} \\ &+ 5213498083797851835836125020780 z^{44} \\ &+ 1642347381249247863314081316960 z^{42} \\ &+ 447487688329783103973510575991 z^{40} \\ &+ 105100992855101755349322258480 z^{38} \\ &+ 21195065410120080239421166890 z^{36} \\ &+ 3653321788073250614114968560 z^{34} \\ &+ 535400603458325213325834045 z^{32} \\ &+ 66306793671288943616792384 z^{30} \\ &+ 6890458205249055620597640 z^{28} \end{aligned}$$
 $\{[60, \sqrt{30}]\}$

		$+595880266941085819763520 z^{26}$ $+42469462335319836857775 z^{24}$ $+2466136252272829102800 z^{22}$ $+115089206399341447614 z^{20}$ $+4246071031710940560 z^{18}$ $+121417911602573805 z^{16}$ $+2628536493674400 z^{14} + 41948439334100 z^{12}$ $+480834660000 z^{10} + 3906304275 z^8$ $+22871600 z^6 + 98970 z^4 + 240 z^2 + 1$	
		$z^{120} + 180 z^{118} + 38730 z^{116} + 14337540 z^{114}$ $+ 3281185875 z^{112} + 453381211416 z^{110}$ $+ 41183210986420 z^{108}$ $+ 2614896925736280 z^{106}$ $+ 121265842992760365 z^{104}$ $+ 4245097501062517260 z^{102}$ $+ 115086825079153970766 z^{100}$ $+ 2466146257666423184220 z^{98}$ $+ 42469540447932730432815 z^{96}$ $+ 595880321287114319688240 z^{94}$ $+ 6890457366243881598893640 z^{92}$ $+ 66306792034390948691362096 z^{90}$ $+ 535400609067444133417499325 z^{88}$ $+ 3653321803051954381607548980 z^{86}$ $+ 21195065381190883270305545050 z^{84}$ $+ 105100992772169058447799758660 z^{82}$ $+ 447487688456905035902955597111 z^{80}$ $+ 1642347381560708940704243296680 z^{78}$ $+ 5213498083326525431403364123020 z^{76}$ $+ 14356009214957054401283442057960 z^{74}$ $+ 34375514973048637258067443053705 z^{72}$ $+ 71725564302949200183450785468076 z^{70}$	

{ [120, 2, 111] }	$x^9 + x^8 + x^7 + x^5 + x^4 + 1$	$ \begin{aligned} &+130631401049488416097163475894030 z^{68} \\ &+207951314878221600340766153758140 z^{66} \\ &+289646474294665958004539518817235 z^{64} \\ &+353253050319446630808321039515040 z^{62} \\ &+377401987657669853636569488132336 z^{60} \\ &+353253050319446630808321039515040 z^{58} \\ &+289646474294665958004539518817235 z^{56} \\ &+207951314878221600340766153758140 z^{54} \\ &+130631401049488416097163475894030 z^{52} \\ &+71725564302949200183450785468076 z^{50} \\ &+34375514973048637258067443053705 z^{48} \\ &+14356009214957054401283442057960 z^{46} \\ &+5213498083326525431403364123020 z^{44} \\ &+1642347381560708940704243296680 z^{42} \\ &+447487688456905035902955597111 z^{40} \\ &+105100992772169058447799758660 z^{38} \\ &+21195065381190883270305545050 z^{36} \\ &+3653321803051954381607548980 z^{34} \\ &+535400609067444133417499325 z^{32} \\ &+66306792034390948691362096 z^{30} \\ &+6890457366243881598893640 z^{28} \\ &+595880321287114319688240 z^{26} \\ &+42469540447932730432815 z^{24} \\ &+2466146257666423184220 z^{22} \\ &+115086825079153970766 z^{20} \\ &+4245097501062517260 z^{18} \\ &+121265842992760365 z^{16} \\ &+2614896925736280 z^{14} + 41183210986420 z^{12} \\ &+453381211416 z^{10} + 3281185875 z^8 \\ &+14337540 z^6 + 38730 z^4 + 180 z^2 + 1 \end{aligned} $	{ [60, $\sqrt{30}$] }
		$z^{120} + 60 z^{118} + 37530 z^{116} + 14288940 z^{114}$	

$\{[120, 2, 111]\}$

$$x^9 + x^8 + x^7 + x^4 + x^2 + 1$$

$$\begin{aligned}
&+3281906835 z^{112} + 453381230472 z^{110} \\
&+41183193337300 z^{108} \\
&+2614896529256520 z^{106} \\
&+121265850163786605 z^{104} \\
&+4245097449127035780 z^{102} \\
&+115086825286477487550 z^{100} \\
&+2466146257265470023540 z^{98} \\
&+42469540447658916231855 z^{96} \\
&+595880321290496220525840 z^{94} \\
&+6890457366240956876843400 z^{92} \\
&+66306792034349772381454864 z^{90} \\
&+535400609067674053746074685 z^{88} \\
&+3653321803051295197291025340 z^{86} \\
&+21195065381192041351424981290 z^{84} \\
&+105100992772168013942320267500 z^{82} \\
&+447487688456904752920591852023 z^{80} \\
&+1642347381560710126537424500920 z^{78} \\
&+5213498083326529997701840941420 z^{76} \\
&+14356009214957028488226094464120 z^{74} \\
&+34375514973048702198754146355785 z^{72} \\
&+71725564302949095305180905993572 z^{70} \\
&+130631401049488526658104499746430 z^{68} \\
&+207951314878221548726199382180500 z^{66} \\
&+289646474294665893403036262749395 z^{64} \\
&+353253050319446813770319347192800 z^{62} \\
&+377401987657669620499653541064304 z^{60} \\
&+353253050319446813770319347192800 z^{58} \\
&+289646474294665893403036262749395 z^{56} \\
&+207951314878221548726199382180500 z^{54} \\
&+130631401049488526658104499746430 z^{52} \\
&+71725564302949095305180905993572 z^{50}
\end{aligned}$$

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

		$+34375514973048702198754146355785 z^{48}$ $+14356009214957028488226094464120 z^{46}$ $+5213498083326529997701840941420 z^{44}$ $+1642347381560710126537424500920 z^{42}$ $+447487688456904752920591852023 z^{40}$ $+105100992772168013942320267500 z^{38}$ $+21195065381192041351424981290 z^{36}$ $+3653321803051295197291025340 z^{34}$ $+535400609067674053746074685 z^{32}$ $+66306792034349772381454864 z^{30}$ $+6890457366240956876843400 z^{28}$ $+595880321290496220525840 z^{26}$ $+42469540447658916231855 z^{24}$ $+2466146257265470023540 z^{22}$ $+115086825286477487550 z^{20}$ $+4245097449127035780 z^{18}$ $+121265850163786605 z^{16}$ $+2614896529256520 z^{14} + 41183193337300 z^{12}$ $+453381230472 z^{10} + 3281906835 z^8$ $+14288940 z^6 + 37530 z^4 + 60 z^2 + 1$	
		$z^{120} + 40410 z^{116} + 14806400 z^{114} + 3302360595 z^{112}$ $+ 453676128384 z^{110} + 41184023419220 z^{108}$ $+ 2614882410921600 z^{106}$ $+ 121265777830322925 z^{104}$ $+ 4245097899019255680 z^{102}$ $+ 115086827302898303358 z^{100}$ $+ 2466146244442099334400 z^{98}$ $+ 42469540430185071891375 z^{96}$ $+ 595880321517997900220160 z^{94}$ $+ 6890457365992285093059720 z^{92}$ $+ 66306792032607394344480512 z^{90}$	

$\{[120, 2, 111]\}$

$x^9 + x^8 + x^6 + x^5 + x^2 + 1$

+535400609073134226018362685 z^{88}
+3653321803052978164224718080 z^{86}
+21195065381156459554287225450 z^{84}
+105100992772223701515191452800 z^{82}
+447487688456963307833173536375 z^{80}
+1642347381560405050308825148800 z^{78}
+5213498083326812498420551646700 z^{76}
+14356009214957493947079403056000 z^{74}
+34375514973047300971056281601225 z^{72}
+71725564302949996874356820287104 z^{70}
+130631401049490100261405117347390 z^{68}
+207951314878217984291303890419200 z^{66}
+289646474294667797120374395513555 z^{64}
+353253050319449404525326145067520 z^{62}
+377401987657664558743784144754800 z^{60}
+353253050319449404525326145067520 z^{58}
+289646474294667797120374395513555 z^{56}
+207951314878217984291303890419200 z^{54}
+130631401049490100261405117347390 z^{52}
+71725564302949996874356820287104 z^{50}
+34375514973047300971056281601225 z^{48}
+14356009214957493947079403056000 z^{46}
+5213498083326812498420551646700 z^{44}
+1642347381560405050308825148800 z^{42}
+447487688456963307833173536375 z^{40}
+105100992772223701515191452800 z^{38}
+21195065381156459554287225450 z^{36}
+3653321803052978164224718080 z^{34}
+535400609073134226018362685 z^{32}
+66306792032607394344480512 z^{30}
+6890457365992285093059720 z^{28}

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

		$+595880321517997900220160 z^{26}$ $+42469540430185071891375 z^{24}$ $+2466146244442099334400 z^{22}$ $+115086827302898303358 z^{20}$ $+4245097899019255680 z^{18}$ $+121265777830322925 z^{16}$ $+2614882410921600 z^{14} + 41184023419220 z^{12}$ $+453676128384 z^{10} + 3302360595 z^8$ $+14806400 z^6 + 40410 z^4 + 1$	
		$z^{120} + 60 z^{118} + 52890 z^{116} + 16828460 z^{114}$ $+ 3448593555 z^{112} + 459050176392 z^{110}$ $+ 41290367542740 z^{108}$ $+ 2615980668776520 z^{106}$ $+ 121270152983749485 z^{104}$ $+ 4245082397586883460 z^{102}$ $+ 115086649106158711230 z^{100}$ $+ 2466146186527214643060 z^{98}$ $+ 42469543509955704937135 z^{96}$ $+ 595880324486338839344400 z^{94}$ $+ 6890457329999437440637320 z^{92}$ $+ 66306792005960667937571344 z^{90}$ $+ 535400609383257943973971005 z^{88}$ $+ 3653321803093479015109465020 z^{86}$ $+ 21195065379249987025986737450 z^{84}$ $+ 105100992773306032768755319020 z^{82}$ $+ 447487688464730171489674670583 z^{80}$ $+ 1642347381550261467762868730040 z^{78}$ $+ 5213498083308582921733885761900 z^{76}$ $+ 14356009215001450962805723561080 z^{74}$ $+ 34375514973059708317955589970505 z^{72}$ $+ 71725564302842784337326800844132 z^{70}$	

$\{[120, 2, 111]\}$	$x^9 + x^8 + x^6 + x^5 + x^4 + x^3 + x + 1$	$+130631401049545046991618420017790 z^{68}$ $+207951314878361161011109502321300 z^{66}$ $+289646474294488813585655846933715 z^{64}$ $+353253050319378383712775814976480 z^{62}$ $+377401987657912290186637421153904 z^{60}$ $+353253050319378383712775814976480 z^{58}$ $+289646474294488813585655846933715 z^{56}$ $+207951314878361161011109502321300 z^{54}$ $+130631401049545046991618420017790 z^{52}$ $+71725564302842784337326800844132 z^{50}$ $+34375514973059708317955589970505 z^{48}$ $+14356009215001450962805723561080 z^{46}$ $+5213498083308582921733885761900 z^{44}$ $+1642347381550261467762868730040 z^{42}$ $+447487688464730171489674670583 z^{40}$ $+105100992773306032768755319020 z^{38}$ $+21195065379249987025986737450 z^{36}$ $+3653321803093479015109465020 z^{34}$ $+535400609383257943973971005 z^{32}$ $+66306792005960667937571344 z^{30}$ $+6890457329999437440637320 z^{28}$ $+595880324486338839344400 z^{26}$ $+42469543509955704937135 z^{24}$ $+2466146186527214643060 z^{22}$ $+115086649106158711230 z^{20}$ $+4245082397586883460 z^{18}$ $+121270152983749485 z^{16}$ $+2615980668776520 z^{14} + 41290367542740 z^{12}$ $+459050176392 z^{10} + 3448593555 z^8$ $+16828460 z^6 + 52890 z^4 + 60 z^2 + 1$	$\{[60, \sqrt{30}]\}$
		$z^{120} + 540 z^{118} + 136170 z^{116} + 27297420 z^{114}$	

$\{[120, 2, 111]\}$

$$x^9 + x^8 + x^5 + x^4 + x + 1$$

$$\begin{aligned}
&+4366632915 z^{112} + 505949773512 z^{110} \\
&+42706846653940 z^{108} \\
&+2642289698634120 z^{106} \\
&+121570559444707245 z^{104} \\
&+4247040947179595940 z^{102} \\
&+115091571620664907566 z^{100} \\
&+2466126349872853223700 z^{98} \\
&+42469384358500686780975 z^{96} \\
&+595880210795171725023120 z^{94} \\
&+6890459046171976534896840 z^{92} \\
&+66306795322329165736361104 z^{90} \\
&+535400597805016872418189245 z^{88} \\
&+3653321773082312082287503260 z^{86} \\
&+21195065439330957041090319610 z^{84} \\
&+105100992937595807535105791820 z^{82} \\
&+447487688202178767678593615799 z^{80} \\
&+1642347380940251201511079960440 z^{78} \\
&+5213498084266885334505310233420 z^{76} \\
&+14356009216571608559084453004600 z^{74} \\
&+34375514970294955335682218306825 z^{72} \\
&+71725564300100053821386682674052 z^{70} \\
&+130631401055568873734593593090030 z^{68} \\
&+207951314881348577008931832044340 z^{66} \\
&+289646474284809852802063848645075 z^{64} \\
&+353253050318036087467451278552800 z^{62} \\
&+377401987669260432265765151497200 z^{60} \\
&+353253050318036087467451278552800 z^{58} \\
&+289646474284809852802063848645075 z^{56} \\
&+207951314881348577008931832044340 z^{54} \\
&+130631401055568873734593593090030 z^{52} \\
&+71725564300100053821386682674052 z^{50}
\end{aligned}$$

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

		$+34375514970294955335682218306825 z^{48}$ $+14356009216571608559084453004600 z^{46}$ $+5213498084266885334505310233420 z^{44}$ $+1642347380940251201511079960440 z^{42}$ $+447487688202178767678593615799 z^{40}$ $+105100992937595807535105791820 z^{38}$ $+21195065439330957041090319610 z^{36}$ $+3653321773082312082287503260 z^{34}$ $+535400597805016872418189245 z^{32}$ $+66306795322329165736361104 z^{30}$ $+6890459046171976534896840 z^{28}$ $+595880210795171725023120 z^{26}$ $+42469384358500686780975 z^{24}$ $+2466126349872853223700 z^{22}$ $+115091571620664907566 z^{20}$ $+4247040947179595940 z^{18}$ $+121570559444707245 z^{16}$ $+2642289698634120 z^{14} + 42706846653940 z^{12}$ $+505949773512 z^{10} + 4366632915 z^8$ $+27297420 z^6 + 136170 z^4 + 540 z^2 + 1$	
		$z^{120} + 420 z^{118} + 83370 z^{116} + 18264500 z^{114}$ $+ 3478364115 z^{112} + 459299307576 z^{110}$ $+ 41289236748660 z^{108}$ $+ 2615959364233080 z^{106}$ $+ 121270203866329005 z^{104}$ $+ 4245083213437902620 z^{102}$ $+ 115086645640411772526 z^{100}$ $+ 2466146177551877890860 z^{98}$ $+ 42469543592392793266735 z^{96}$ $+ 595880324401037326896240 z^{94}$ $+ 6890457329273407248014280 z^{92}$	

$\{[120, 2, 111]\}$

$$x^9 + x^8 + x^5 + x^4 + x^3 + 1$$

$$\begin{aligned} &+66306792008531145044991856 z^{90} \\ &+535400609382985015701839805 z^{88} \\ &+3653321803077074476921561380 z^{86} \\ &+21195065379285263050123234490 z^{84} \\ &+105100992773319528706502188020 z^{82} \\ &+447487688464544449336091582391 z^{80} \\ &+1642347381550562669803001625480 z^{78} \\ &+5213498083308665064265336102860 z^{76} \\ &+14356009215000414973214994292680 z^{74} \\ &+34375514973061202018468796298505 z^{72} \\ &+71725564302842839287809873776956 z^{70} \\ &+130631401049541833528528012973870 z^{68} \\ &+207951314878365894886805251570700 z^{66} \\ &+289646474294487093880723575759315 z^{64} \\ &+353253050319374330105752974938400 z^{62} \\ &+377401987657919307568727040988656 z^{60} \\ &+353253050319374330105752974938400 z^{58} \\ &+289646474294487093880723575759315 z^{56} \\ &+207951314878365894886805251570700 z^{54} \\ &+130631401049541833528528012973870 z^{52} \\ &+71725564302842839287809873776956 z^{50} \\ &+34375514973061202018468796298505 z^{48} \\ &+14356009215000414973214994292680 z^{46} \\ &+5213498083308665064265336102860 z^{44} \\ &+1642347381550562669803001625480 z^{42} \\ &+447487688464544449336091582391 z^{40} \\ &+105100992773319528706502188020 z^{38} \\ &+21195065379285263050123234490 z^{36} \\ &+3653321803077074476921561380 z^{34} \\ &+535400609382985015701839805 z^{32} \\ &+66306792008531145044991856 z^{30} \end{aligned}$$

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

		$+6890457329273407248014280 z^{28}$ $+595880324401037326896240 z^{26}$ $+42469543592392793266735 z^{24}$ $+2466146177551877890860 z^{22}$ $+115086645640411772526 z^{20}$ $+4245083213437902620 z^{18}$ $+121270203866329005 z^{16}$ $+2615959364233080 z^{14} + 41289236748660 z^{12}$ $+459299307576 z^{10} + 3478364115 z^8$ $+18264500 z^6 + 83370 z^4 + 420 z^2 + 1$	
		$z^{120} + 180 z^{118} + 69450 z^{116} + 16795140 z^{114}$ $+ 3347172435 z^{112} + 453921391896 z^{110}$ $+ 41180116192180 z^{108}$ $+ 2614856077966680 z^{106}$ $+ 121265980505925165 z^{104}$ $+ 4245098808042213900 z^{102}$ $+ 115086819231402751566 z^{100}$ $+ 2466146240245014846300 z^{98}$ $+ 42469540592850278096175 z^{96}$ $+ 595880321200665944289840 z^{94}$ $+ 6890457364656448172564040 z^{92}$ $+ 66306792039267611224031536 z^{90}$ $+ 535400609069040978386090685 z^{88}$ $+ 3653321803013166358656923700 z^{86}$ $+ 21195065381269276898194666330 z^{84}$ $+ 105100992772200535370908479300 z^{82}$ $+ 447487688456488931501135580471 z^{80}$ $+ 1642347381561411115894404295080 z^{78}$ $+ 5213498083326593421384548635020 z^{76}$ $+ 14356009214954896909485621191400 z^{74}$ $+ 34375514973052126418320011302025 z^{72}$	

$\{[120, 2, 111]\}$	$x^9 + x^8 + x^3 + x^2 + x + 1$	$ \begin{aligned} &+71725564302948315581515674504876 z^{70} \\ &+130631401049483165484529230866190 z^{68} \\ &+207951314878230387020415820748220 z^{66} \\ &+289646474294662062793130909537235 z^{64} \\ &+353253050319440186584254561762720 z^{62} \\ &+377401987657681706108503906830576 z^{60} \\ &+353253050319440186584254561762720 z^{58} \\ &+289646474294662062793130909537235 z^{56} \\ &+207951314878230387020415820748220 z^{54} \\ &+130631401049483165484529230866190 z^{52} \\ &+71725564302948315581515674504876 z^{50} \\ &+34375514973052126418320011302025 z^{48} \\ &+14356009214954896909485621191400 z^{46} \\ &+5213498083326593421384548635020 z^{44} \\ &+164234738156141115894404295080 z^{42} \\ &+447487688456488931501135580471 z^{40} \\ &+105100992772200535370908479300 z^{38} \\ &+21195065381269276898194666330 z^{36} \\ &+3653321803013166358656923700 z^{34} \\ &+535400609069040978386090685 z^{32} \\ &+66306792039267611224031536 z^{30} \\ &+6890457364656448172564040 z^{28} \\ &+595880321200665944289840 z^{26} \\ &+42469540592850278096175 z^{24} \\ &+2466146240245014846300 z^{22} \\ &+115086819231402751566 z^{20} \\ &+4245098808042213900 z^{18} \\ &+121265980505925165 z^{16} \\ &+2614856077966680 z^{14} + 41180116192180 z^{12} \\ &+453921391896 z^{10} + 3347172435 z^8 \\ &+16795140 z^6 + 69450 z^4 + 180 z^2 + 1 \end{aligned} $	$\{[60, \sqrt{30}]\}$
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