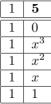
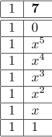




| 1 | 2 | 4 |
|---|----|---|
| 1 | 0 | 0 |
| 1 | 1 | 0 |
| 1 | -1 | x |
| 1 | 1 | 1 |



| 1 | 2 | 3 | 6 |
|----|----|---------|--------|
| 1 | 0 | 0 | 0 |
| 13 | 10 | -3x - 3 | 0 |
| 5 | 0 | -2x + 1 | 0 |
| 5 | 5 | -2x - 2 | 2x-2 |
| 5 | 3 | -3x - 1 | 3x - 3 |
| 1 | 1 | 1 | 1 |



| 1 | 2 | 4 | 8 |
|---|----|--------|------------------|
| 1 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | -1 | x | 0 |
| 1 | 1 | 1 | 0 |
| 0 | 1 | -x | x^3 |
| 1 | 0 | -1 | x^2 |
| 1 | -1 | -x + 1 | \boldsymbol{x} |
| 1 | 1 | x+1 | 1 |

| 1 | 3 | 9 |
|---|--------|-------|
| 1 | 0 | 0 |
| 1 | x | 0 |
| 1 | 1 | 0 |
| 0 | -x + 1 | x^5 |
| 1 | -x | x^4 |
| 1 | x+1 | x^3 |
| 0 | -x + 1 | x^2 |
| 1 | -x | x |
| 1 | x+1 | 1 |

| 1 | 2 | 5 | 10 |
|-------|-------|-------------------------|------------------------|
| 1 | 0 | 0 | 0 |
| -3453 | -3418 | -35x | 0 |
| 7 | 0 | $-5x^3 - 5x^2 - 3x - 5$ | 0 |
| 17 | 12 | $5x^2 + 12x$ | -12x |
| 7 | 0 | $-2x^3 - 2x^2 - 2x + 3$ | 0 |
| 7 | 7 | $-2x^3 - 2x^2 - 2x - 2$ | $2x^3 - 2x^2 + 2x - 2$ |
| 7 | 5 | $2x^2 + 5x$ | -5x |
| 7 | 7 | $-5x^3 - 3x^2 - 5x - 5$ | $5x^3 - 3x^2 + 5x - 5$ |
| 7 | 5 | $5x^2 + 2$ | $5x^2$ |
| 1 | 1 | 1 | 1 |

| 1 | 11 |
|---|-------|
| 1 | 0 |
| 1 | x^9 |
| 1 | x^8 |
| 1 | x^7 |
| 1 | x^6 |
| 1 | x^5 |
| 1 | x^4 |
| 1 | x^3 |
| 1 | x^2 |
| 1 | x |
| 1 | 1 |

| 1 | 2 | 3 | 4 | 6 | 12 |
|-----|-----|--------|---------|---------|-------------------|
| 1 | 0 | 0 | 0 | 0 | 0 |
| 121 | -56 | 177x | 0 | 0 | 0 |
| 121 | 56 | 177 | 56x | 0 | 0 |
| 7 | 7 | 0 | 4 | 0 | 0 |
| 7 | 3 | 7x | 0 | -3x | 0 |
| 7 | 7 | 4x + 3 | 0 | -4x + 3 | 0 |
| 7 | -7 | 4x | -7x | 4x | -4x |
| 7 | 1 | 7x | -3x + 4 | -x | $4x^2 - 3x - 4$ |
| 7 | -3 | 7 | -3x | -3 | $3x^3$ |
| 7 | 7 | 4 | 3 | 4 | 0 |
| 7 | -1 | 3x + 4 | -4x + 3 | -3x - 4 | $4x^3 + 3x^2 - 3$ |
| 1 | 1 | 1 | 1 | 1 | 1 |

| 1 | 13 |
|---|----------|
| 1 | 0 |
| 1 | x^{11} |
| 1 | x^{10} |
| 1 | x^9 |
| 1 | x^8 |
| 1 | x^7 |
| 1 | x^6 |
| 1 | x^5 |
| 1 | x^4 |
| 1 | x^3 |
| 1 | x^2 |
| 1 | x |
| 1 | 1 |

| 1 | 2 | 7 | 14 |
|-------------|-------------|---------------------------------------|---------------|
| 1 | 0 | 0 | 0 |
| -7130162657 | -7130155272 | $-7385x^{3}$ | 0 |
| 9 | 0 | $2x^3 + 7x$ | 0 |
| 9 | 2 | $-7x^5 - 7x^4 - 5x^3 - 7x^2 - 7x - 7$ | $-2x^3$ |
| 9 | 0 | $7x^4 + 2x$ | 0 |
| 9 | 2 | $7x^2 + 2x$ | -2x |
| 9 | 0 | $-2x^5 - 2x^4 - 2x^3 - 2x^2 - 2x + 5$ | I - |
| 9 | 9 | $-2x^5 - 2x^4 - 2x^3 - 2x^2 - 2x - 2$ | |
| 9 | 7 | $2x^4 + 7x^3$ | $-7x^{3}$ |
| 9 | 9 | $2x^4 + 7x$ | $2x^4 - 7x$ |
| 9 | 7 | $-7x^5 - 7x^4 - 7x^3 - 5x^2 - 7x - 7$ | |
| 9 | 9 | $7x^4 + 2x^2$ | $7x^4 + 2x^2$ |
| 9 | 7 | $7x^2 + 2$ | $7x^2$ |
| 1 | 1 | 1 | 1 |

| 1 | 3 | 5 | 15 |
|--------|----------------|------------------------------------|---|
| 1 | 0 | 0 | 0 |
| -16147 | 14982x + 14982 | $1165x^3 + 1165x^2 + 1165x + 1165$ | 0 |
| -16147 | -14982 | -1165x | 0 |
| 8 | 0 | $2x^3 - 3x^2 - 3x - 3$ | 0 |
| 8 | -3x - 3 | $-3x^3 - 3x^2 - 3x + 2$ | $-3x^7 + 3x^6 - 3x^4 + 3x^3 - 3x^2 + 3$ |
| 8 | -5x - 2 | $-3x^3 - 3x^2 - 3x - 3$ | $3x^7 - 3x^6 - 3x^3 + 3x^2 - 3$ |
| 8 | -5x - 5 | $-5x^3 - 5x^2 - 2x - 5$ | $-5x^7 + 5x^6 - 5x^4 + 5x^3 - 5x^2 + 5$ |
| 1 | -x-1 | x | $-x^6-x$ |
| 8 | -5x - 2 | $5x^3 + 3x$ | $5x^7 + 3x^6 - 5x^5 + 5x^4 - 5x^3 + 5x - 5$ |
| 8 | -5x - 5 | $3x^3 + 5$ | $5x^5$ |
| 8 | -3x + 2 | $3x^3$ | $3x^7 - 3x^5 + 3x^4 - 3x^3 + 3x - 3$ |
| 8 | 8 | $-2x^3 - 5x^2 - 5x - 5$ | $5x^7 - 5x^6 - 2x^3 + 5x^2 - 5$ |
| 8 | 5 | 5x + 3 | $5x^6$ |
| 8 | -3x + 2 | $5x^3 + 3$ | $3x^5 + 5x^3$ |
| 1 | 1 | 1 | 1 |

| 1 | 2 | 4 | 8 | 16 |
|---|----|--------|----------------------|-------|
| 1 | 0 | 0 | 0 | 0 |
| 1 | 1 | 0 | 0 | 0 |
| 1 | -1 | x | 0 | 0 |
| 1 | 1 | 1 | 0 | 0 |
| 0 | 1 | -x | x^3 | 0 |
| 1 | 0 | -1 | x^2 | 0 |
| 1 | -1 | -x + 1 | x | 0 |
| 1 | 1 | x+1 | 1 | 0 |
| 0 | 0 | x | $-x^3$ | x^7 |
| 0 | 0 | 1 | $-x^2$ | x^6 |
| 0 | 1 | 0 | -x | x^5 |
| 1 | 0 | 0 | -1 | x^4 |
| 0 | 1 | -x | $-x^3+x$ | x^3 |
| 1 | 0 | -1 | $-x^2+1$ | x^2 |
| 1 | -1 | -x + 1 | $-x^3 + x^2 - x + 1$ | x |
| 1 | 1 | x+1 | $x^3 + x^2 + x + 1$ | 1 |

| 1 | 17 |
|---|--------------------|
| 1 | 0 |
| 1 | _m 15 |
| 1 | $\frac{x}{x^{14}}$ |
| 1 | x^{13} |
| 1 | x^{12} |
| 1 | x^{11} |
| 1 | x^{10} |
| 1 | x^9 |
| 1 | x^8 |
| 1 | x^7 |
| 1 | x^6 |
| 1 | x^5 |
| 1 | x^4 |
| 1 | x^3 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | x^2 |
| | x |
| 1 | 1 |

| 1 | 2 | 3 | 6 | 9 | 18 |
|-----------|-----------|----------------------|-----------------------|-----------------------|----------------------|
| 1 | 0 | 0 | 0 | 0 | 0 |
| -21187625 | -21187058 | 567x + 567 | 0 | 0 | 0 |
| 11 | 0 | -2x + 7 | 0 | 0 | 0 |
| -21187058 | -21187058 | 21186491x + 21185924 | -21187058x + 21187058 | -567x | 0 |
| 11 | 0 | 9x + 11 | 0 | $-9x^5 - 9x^2$ | 0 |
| 11 | 2 | -9x + 2 | 2 | $-9x^3 - 9$ | 0 |
| 0 | 0 | 11x + 22 | 0 | $9x^4 + 2x$ | 0 |
| 9 | 0 | 11x + 13 | -2x + 4 | $9x^2 + 2x$ | -2x |
| 11 | 0 | -7x + 2 | 0 | $-2x^5 - 2x^2 + 9$ | 0 |
| 11 | 11 | 2x+2 | -2x + 2 | $-2x^5 - 2x^2$ | $2x^5 - 2x^2$ |
| 11 | 9 | -11x - 9 | 9x - 9 | $-2x^3 - 2$ | 0 |
| 11 | 11 | -2x + 9 | 2x + 9 | $-2x^3 - 2$ | $2x^3 - 2$ |
| 0 | 0 | 11x + 22 | -9x + 18 | $2x^4 + 9x$ | -9x |
| 9 | 9 | 11x + 13 | -11x + 13 | $-9x^5 + 2x^4 - 9x^2$ | $9x^5 + 2x^4 - 9x^2$ |
| 11 | 9 | -7x + 2 | 9x | $-9x^3 + 2x^2 - 9$ | $9x^3 - 9$ |
| 2 | 2 | 11x + 20 | -11x + 20 | $9x^4 + 2x^2$ | $9x^4 + 2x^2$ |
| 11 | 9 | 7x+9 | -9x + 9 | $9x^2 + 2$ | $9x^2$ |
| 1 | 1 | -x | x | 1 | 1 |

| 1 | 19 |
|---|---|
| 1 | 0 |
| 1 | x^{17} |
| 1 | x^{16} |
| 1 | $ \begin{array}{c c} x^{15} \\ \hline x^{14} \\ \hline x^{13} \\ \hline x^{12} \\ \hline x^{11} \end{array} $ |
| 1 | x^{14} |
| 1 | x^{13} |
| 1 | x^{12} |
| 1 | x^{11} |
| 1 | x^{10} |
| 1 | $ \begin{array}{c} x^{10} \\ x^9 \\ x^8 \\ x^7 \\ x^6 \end{array} $ |
| 1 | x^8 |
| 1 | x^7 |
| 1 | x^6 |
| 1 | x^5 |
| 1 | x^4 |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | $ \begin{array}{c c} x^5 \\ x^4 \\ \hline x^3 \\ \hline x^2 \\ x \end{array} $ |
| 1 | $\overline{x^2}$ |
| 1 | |
| 1 | 1 |

| 1 | 2 | 4 | 5 | 10 | 20 |
|---------|----------|----------|-------------------------|-------------------------|----------------------------------|
| 1 | 0 | 0 | 0 | 0 | 0 |
| 2257681 | 2712816 | 0 | $-455135x^2$ | 0 | 0 |
| 2257681 | -2712816 | 2712816x | $-455135x^3$ | 0 | 0 |
| 9 | 4 | 4 | $-5x^3 - 5x^2 - 5x - 5$ | 0 | 0 |
| 9 | 0 | 0 | $4x^2 + 5$ | 0 | 0 |
| 9 | 9 | 0 | $4x^2$ | $4x^2$ | 0 |
| 9 | 1 | 4x | $9x^2$ | x^2 | $-4x^7$ |
| 9 | 9 | 4 | $5x^3 + 4x^2$ | $-5x^3 + 4x^2$ | $-4x^2$ |
| 9 | 5 | 0 | $-x^3 - 5x^2 - 5x - 5$ | | 0 |
| 9 | 9 | 0 | $4x^3 + 5$ | $-4x^3 + 5$ | 0 |
| 9 | -9 | 9x | $4x^3$ | $4x^3$ | $-4x^3$ |
| 9 | -1 | 5x + 4 | $4x^3 + 5x^2$ | $-4x^3 - 5x^2$ | $-5x^7 + 4x^6 - 4x^4 + 4x^2 - 4$ |
| 9 | -5 | 5x | $x^3 - 4x^2 - 4x - 4$ | | $-5x^3$ |
| 9 | -1 | 5x | | $-x^3 + x^2 - x + 1$ | · |
| 9 | -9 | 9x | | $-4x^3 + 4x^2 - 4x - 1$ | |
| 9 | 9 | 9 | $-4x^3 - 4x^2 - 4x - 4$ | $4x^3 - 4x^2 + 4x - 4$ | $4x^4$ |
| 9 | 5 | 5 | $5x^2 + 4$ | $5x^2$ | $-5x^2$ |
| 9 | 9 | 5 | $5x^3 + 4$ | $-5x^3 + 4$ | $5x^6 - 5x^4 + 5x^2 - 5$ |
| 9 | 1 | 4x + 5 | $-5x^3 - 5x^2 - 5x - 1$ | $5x^3 - 5x^2 + 5x - 9$ | $4x^5 + 5x^4$ |
| 1 | 1 | 1 | 1 | 1 | 1 |

| 1 | 3 | 7 | 21 |
|-------|-------------|--|--|
| 1 | 0 | 0 | 0 |
| -1343 | -1245x | -98x | 0 |
| -1343 | -1245 | $-98x^{5}$ | 0 |
| 10 | 0 | $7x^2 + 3x$ | 0 |
| -1343 | -1245x | $98x^5 + 98x^4 + 98x^3 + 98x^2 - 1147x + 98$ | -1245x |
| -47 | -33 | $-14x^3 - 33x$ | $33x^8 + 33x$ |
| 10 | 0 | $3x^5 + 7$ | 0 |
| 10 | 10x | $3x^5$ | $-3x^{11} + 3x^9 - 3x^8 + 3x^6 - 3x^5 - 3x^4 + 3x^3 - 3x + 3$ |
| 10 | 7x + 3 | $3x^5 + 7x$ | $3x^{11} - 3x^9 + 3x^8 - 3x^6 + 3x^4 - 3x^3 + 10x - 3$ |
| 10 | 7x | $7x^5 + 3x^2$ | $-7x^{11} + 7x^9 - 7x^8 + 7x^6 - 7x^5 - 7x^4 + 7x^3 - 7x + 7$ |
| 1 | x | x^2 | $-x^9 - x^2$ |
| -1343 | -98x - 1245 | $98x^5 + 98x^4 + 98x^3 - 1147x^2 + 98x + 98$ | $-98x^{11} + 98x^{10} - 1245x^9 - 98x^8 + 98x^7 + 98x^6 - 98x^5 + 98x^3 - 98x^2 + 98x^6 - 98x^5 + 98x^3 - 98x^2 + 98x$ |
| 10 | 7x | $-3x^5 - 3x^4 + 4x^3 - 3x^2 - 3x - 3$ | $7x^{10}$ |
| 10 | 10x | $-3x^5 - 3x^4 - 3x^3 - 3x^2 - 3x + 4$ | $3x^{11} - 3x^{10} + 3x^8 + 4x^7 - 3x^6 + 3x^5 - 3x^3 + 3x^2 - 3$ |
| 10 | 10 | $-3x^5 - 3x^4 - 3x^3 - 3x^2 - 3x - 3$ | $3x^6$ |
| 10 | 7 | $3x^3 + 7x$ | $-7x^8-7x$ |
| 10 | 3x + 7 | $7x^5 + 3x^3$ | $7x^{11} + 3x^{10} - 7x^9 + 7x^8 - 7x^6 + 7x^4 - 7x^3 + 7x - 7$ |
| 10 | 10 | $3x^3 + 7x^2$ | $7x^9 + 3x^3$ |
| 10 | 7 | $-7x^5 - 7x^4 - 7x^3 - 7x^2 - 7x - 4$ | $7x^6$ |
| 10 | 3x + 7 | $7x^3 + 3$ | $3x^7 + 7x^3$ |
| 1 | 1 | 1 | 1 |

| 1 | 2 | 11 | 22 |
|---------|---------|--|--|
| 1 | 0 | 0 | 0 |
| 1384307 | 1384032 | $275x^{7}$ | 0 |
| 13 | 0 | $2x^7 + 11x^5$ | 0 |
| -965 | -998 | $-998x^7 + 33x^3$ | $998x^{7}$ |
| 13 | 0 | $2x^5 + 11x$ | 0 |
| 1384307 | 1384032 | $-275x^9 - 275x^8 - 275x^7 - 275x^6 + 1383757x^5 - 275x^4 - 275x^3 - 275x^2 - 275x - 275x^4 - 275x^3 - 275x^2 $ | $-1384032x^5$ |
| 13 | 0 | $11x^8 + 2x^3$ | 0 |
| 71 | 60 | $11x^6 + 60x^3$ | $-60x^3$ |
| 13 | 0 | $11x^4 + 2x$ | 0 |
| -965 | -998 | $33x^2 - 998x$ | 998x |
| 13 | 0 | $-2x^9 - 2x^8 - 2x^7 - 2x^6 - 2x^5 - 2x^4 - 2x^3 - 2x^2 - 2x + 9$ | 0 |
| 13 | 13 | $-2x^9 - 2x^8 - 2x^7 - 2x^6 - 2x^5 - 2x^4 - 2x^3 - 2x^2 - 2x - 2$ | $2x^9 - 2x^8 + 2x^7 - 2x^6 + 2x^5 - 2x^4 + 2x^3 - 2x^2 + 2x - 2$ |
| 13 | 11 | $2x^8 + 11x^7$ | $-11x^7$ |
| 13 | 13 | $2x^8 + 11x^5$ | $2x^8 - 11x^5$ |
| 13 | 11 | $2x^6 + 11x^3$ | $-11x^3$ |
| 13 | 13 | $2x^6 + 11x$ | $2x^6 - 11x$ |
| 13 | 11 | $-11x^9 - 11x^8 - 11x^7 - 11x^6 - 11x^5 - 9x^4 - 11x^3 - 11x^2 - 11x - 11$ | $11x^9 - 11x^8 + 11x^7 - 11x^6 + 11x^5 - 11x^4 + 11x^3 - 11x^2 + 11x - 11$ |
| 13 | 13 | $11x^8 + 2x^4$ | $11x^8 + 2x^4$ |
| 13 | 11 | $11x^6 + 2x^2$ | $11x^{6}$ |
| 13 | 13 | $11x^4 + 2x^2$ | $11x^4 + 2x^2$ |
| 13 | 11 | $11x^2 + 2$ | $11x^2$ |
| 1 | 1 | 1 | 1 |

| 1 | 23 |
|---|---|
| 1 | 0 |
| 1 | x^{21} |
| 1 | x^{20} |
| 1 | x^{19} |
| 1 | x^{18} |
| 1 | x^{17} |
| 1 | x^{16} |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | x^{21} x^{20} x^{19} x^{18} x^{17} x^{16} x^{15} x^{14} x^{13} x^{12} x^{11} x^{10} x^{9} x^{8} x^{7} |
| 1 | x^{14} |
| 1 | x^{13} |
| 1 | x^{12} |
| 1 | x^{11} |
| 1 | x^{10} |
| 1 | x^9 |
| 1 | x^8 |
| 1 | x^7 |
| 1 | x^6 |
| 1 | x^5 |
| 1 | x^4 |
| 1 | x^3 |
| 1 | x^2 |
| 1 | x |
| 1 | 1 |

| 1 | 2 | 3 | 4 | 6 | 8 | 12 | 24 |
|------------|------------|---------------------------|----------|------------|--------------|--------------------------|---------------------------|
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7260800449 | -399320 | -7261199769x - 7261199769 | 0 | 0 | 0 | 0 | 0 |
| 11 | -8 | 3 | -8x | 0 | 0 | 0 | 0 |
| 11 | 11 | 0 | 8 | 0 | 0 | 0 | 0 |
| 3 | 11 | -3x - 3 | 8x | 3x-3 | 8x | 0 | 0 |
| 7260800449 | 7261199769 | 7261199769 | 399320 | 7261199769 | $399320x^2$ | 0 | 0 |
| 11 | -11 | 0 | 5x + 8 | 0 | $8x^3$ | 0 | 0 |
| 11 | 5 | -3x - 3 | -11x + 8 | -3x + 3 | 8 | $-3x^3 + 3x$ | 0 |
| 11 | -3 | -8x - 5 | -3x | -3 | 0 | $3x^3$ | 0 |
| 11 | 11 | -8x - 8 | 3 | 8x-8 | 0 | 0 | 0 |
| 11 | -5 | -11x - 11 | -8x + 3 | -5x + 5 | 0 | $-8x^3 - 3x^2 + 8x$ | 0 |
| 11 | 11 | -8x - 5 | 11 | 8x-5 | 0 | $-8x^2 + 3$ | 0 |
| 0 | 11 | 0 | 11x | 8x-8 | 11x | $8x^3 - 8x$ | $-8x^{5}$ |
| 8 | 3 | -8x - 8 | 3x-8 | 3x-3 | $-8x^2 + 3x$ | $3x^3 + 8x^2 - 3x$ | $-3x^5 - 8x^2$ |
| 8 | -5 | -8x - 8 | 11x + 8 | -8x + 11 | | $5x^3 - 8x^2 - 8x$ | $8x^7 + 3x^5 - 8x^3 - 3x$ |
| 11 | 8 | -8x - 8 | -8x + 5 | 8x - 8 | | $-8x^3 - 8x^2 + 8x$ | $8x^4 - 8$ |
| 11 | 0 | -3x + 5 | -3 | 0 | $-3x^2$ | $3x^2$ | $-3x^2$ |
| 11 | 8 | 11 | -3 | 8 | $-3x^2$ | -3 | $3x^6$ |
| 11 | -11 | 8 | -5x + 3 | -8 | $3x^3$ | $8x^3$ | 0 |
| 11 | 5 | -3x + 5 | 3x + 11 | -3x + 11 | $3x^3$ | $3x^3 - 3x^2 - 3x + 8$ | $3x^7 - 3x^3$ |
| 3 | 5 | 3 | 11x + 3 | 5 | $3x^3 + 8x$ | $-11x^3 + 3$ | $8x^5 + 3x^3 - 8x$ |
| 11 | 3 | 8 | -3x - 5 | 0 | $-8x^2 + 3$ | -8 | $8x^6$ |
| 11 | -5 | -3x + 5 | 5x + 11 | 3x - 11 | $8x^3 + 3$ | $-11x^3 - 3x^2 + 3x + 8$ | $3x^4 + 8x^3 - 3$ |
| 1 | 1 | 1 | -x + 1 | 1 | 1 | $x^3 + 1$ | 1 |

| 1 | 5 | 25 |
|---|---------------------|----------|
| 1 | 0 | 0 |
| 1 | x^3 | 0 |
| 1 | x^2 | 0 |
| 1 | x | 0 |
| 1 | 1 | 0 |
| 0 | $-x^3 + x^2$ | x^{19} |
| 0 | $-x^3 + x$ | x^{18} |
| 0 | $-x^3 + 1$ | x^{17} |
| 1 | $-x^3$ | x^{16} |
| 1 | $x^3 + x^2 + x + 1$ | x^{15} |
| 0 | $-x^3 + x^2$ | x^{14} |
| 0 | $-x^3 + x$ | x^{13} |
| 0 | $-x^3 + 1$ | x^{12} |
| 1 | $-x^3$ | x^{11} |
| 1 | $x^3 + x^2 + x + 1$ | x^{10} |
| 0 | $-x^3+x^2$ | x^9 |
| 0 | $-x^3 + x$ | x^8 |
| 0 | $-x^3 + 1$ | x^7 |
| 1 | $-x^3$ | x^6 |
| 1 | $x^3 + x^2 + x + 1$ | x^5 |
| 0 | $-x^3 + x^2$ | x^4 |
| 0 | $-x^3+x$ | x^3 |
| 0 | $-x^3 + 1$ | x^2 |
| 1 | $-x^3$ | x |
| 1 | $x^3 + x^2 + x + 1$ | 1 |

26

 $-3570x^{7}$

 $-2x^5$

 $-2x^3$

-2x

 $-13x^{9}$

 $-13x^{5}$

-13x

 $13x^{10}$

 $13x^{6}$

 $-13x^{11} - 13x^{10} - 13x^9 - 13x^8 - 13x^7 - 11x^6 - 13x^5 - 13x^4 - 13x^3 - 13x^2 - 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13 \\ & 13x^{11} - 13x^{10} + 13x^9 - 13x^8 + 13x^7 - 11x^6 + 13x^5 - 13x^4 + 13x^3 - 13x^2 + 13x - 13x^2 + 13x^3 - 13x^3 -$

 $2x^{10} - 13x^7$

 $2x^8 - 13x^3$

 $13x^8 + 2x^4$

 $13x^4 + 2x^2$

 $2x^{11} - 2x^{10} + 2x^9 - 2x^8 + 2x^7 - 2x^6 + 2x^5 - 2x^4 + 2x^3 - 2x^2 + 2x - 2$

 $5967741x^9$

 $2x^9 + 13x^7$ $2x^9 + 13x^5$ $2x^7 + 13x^3$

 $3570x^7 + 13x$

 $13x^{10} + 2x^5$

 $13x^8 + 2x^3$

 $13x^6 + 2x^3$

 $13x^4 + 2x$

 $13x^2 + 2x$

 $2x^{10} + 13x^9$

 $2x^{10} + 13x^7$

 $2x^8 + 13x^5$

 $2x^8 + 13x^3$

 $2x^6 + 13x$

 $13x^{10} + 2x^4$

 $13x^8 + 2x^4$

 $13x^6 + 2x^2$

 $13x^4 + 2x^2$

 $13x^2 + 2$

 $-13x^{11} - 13x^{10} - 13x^9 - 13x^8 - 13x^7 - 13x^6 - 11x^5 - 13x^4 - 13x^3 - 13x^2 - 13x - 13$ 0

16640399275980863853412

3570

16640399275980869821153

3583

15

15

15

15

15

15

15

| 1 | 3 | 9 | 27 |
|---|--------|---------------------------------|----------|
| 1 | 0 | 0 | 0 |
| 1 | x | 0 | 0 |
| 1 | 1 | 0 | 0 |
| 0 | -x+1 | x^5 | 0 |
| 1 | -x | x^4 | 0 |
| 1 | x+1 | x^3 | 0 |
| 0 | -x + 1 | x^2 | 0 |
| 1 | -x | x | 0 |
| 1 | x+1 | 1 | 0 |
| 0 | 0 | $-x^5 + x^2$ | x^{17} |
| 0 | 0 | $-x^4 + x$ | x^{16} |
| 0 | 0 | $-x^3 + 1$ | x^{15} |
| 0 | x | $-x^5$ | x^{14} |
| 0 | 1 | $-x^4$ $-x^3$ | x^{13} |
| 1 | 0 | $-x^3$ | x^{12} |
| 0 | -x + 1 | $-x^5 + x^4 - x^2 + x$ | x^{11} |
| 1 | -x | $-x^5 + x^3 - x^2 + 1$ | x^{10} |
| 1 | x+1 | $x^5 + x^4 + x^3 + x^2 + x + 1$ | x^9 |
| 0 | 0 | $-x^5 + x^2$ | x^8 |
| 0 | 0 | $-x^4 + x$ | x^7 |
| 0 | 0 | $-x^3 + 1$ | x^6 |
| 0 | x | $-x^{5}$ | x^5 |
| 0 | 1 | $-x^4$ | x^4 |
| 1 | 0 | $-x^3$ | x^3 |
| 0 | -x + 1 | $-x^5 + x^4 - x^2 + x$ | x^2 |
| 1 | -x | $-x^5 + x^3 - x^2 + 1$ | x |
| 1 | x+1 | $x^5 + x^4 + x^3 + x^2 + x + 1$ | 1 |

| 1 | 2 | 4 | 7 | 14 | 28 |
|----------|----------|----------|---|---|---|
| 1 | 0 | 0 | 0 | 0 | 0 |
| -9111119 | -9215888 | 0 | $-104769x^5 - 104769x^4 - 104769x^3 - 104769x^2 - 104769x - 104769$ | 0 | 0 |
| -9111119 | 9215888 | 9215888x | $104769x^2$ | 0 | 0 |
| 361 | 536 | 536 | $-175x^{5}$ | 0 | 0 |
| 11 | 0 | 0 | $-4x^5 - 4x^4 - 4x^3 - 4x^2 + 3x - 4$ | 0 | 0 |
| 11 | 4 | 0 | $-4x^5 + 3x^4 - 4x^3 - 4x^2 - 4x - 4$ | $4x^5 - 4x^4 + 4x^3 - 4x^2 + 4x - 4$ | 0 |
| 361 | -536 | -536x | $-536x^5 - 536x^4 - 536x^3 - 536x^2 - 536x - 711$ | $-536x^5 + 536x^4 - 536x^3 + 536x^2 - 536x + 536$ | |
| 11 | 11 | 4 | $-4x^5 - 4x^4 - 4x^3 - 4x^2 - 4x - 4$ | $4x^5 - 4x^4 + 4x^3 - 4x^2 + 4x - 4$ | $-4x^{6}$ |
| 11 | 7 | 0 | $-7x^5 - 7x^4 - 7x^3 - 3x^2 - 7x - 7$ | $7x^5 - 7x^4 + 7x^3 - 7x^2 + 7x - 7$ | 0 |
| 1 | 1 | 0 | x^2 | x^2 | 0 |
| 11 | 3 | -4x | $7x^5 + 4x^2$ | $-7x^5 - 4x^2$ | $-4x^{9}$ |
| 11 | 11 | 4 | $4x^2 + 7x$ | $4x^2 - 7x$ | $-4x^2$ |
| 11 | 7 | | $4x^5 + 7x^4$ | $7x^4$ | 0 |
| 11 | 11 | 0 | $4x^5 + 7$ | $-4x^5 + 7$ | 0 |
| 11 | -11 | -11x | $4x^5$ | $4x^5$ | $-4x^{5}$ |
| 11 | -3 | -7x + 4 | $-3x^5 - 7x^4 - 7x^3 - 7x^2 - 7x - 7$ | $-11x^5 + 7x^4 - 7x^3 + 7x^2 - 7x + 7$ | $-7x^{11} + 4x^{10} + 7x^9 - 4x^8 - 7x^7 + 4x^6 + 7x^5 - 4x^4 - 7x^3 + 4x^2 + 7x - 4$ |
| 11 | -7 | -7x | $7x^2 + 4x$ | $-7x^2$ | $-7x^{9}$ |
| 11 | -3 | -7x | $7x^5 + 4x$ | $7x^5 - 4x$ | $-7x^{5}$ |
| 1 | -1 | -x | x | x | -x |
| 11 | -3 | -7x + 4 | $7x^4 + 4x$ | $-7x^4 - 4x$ | $7x^{11} + 4x^8$ |
| 11 | -7 | -7x | $4x^4 + 7$ | -7 | $7x^7$ |
| 11 | 11 | 7 | $4x^4$ | $4x^4$ | 0 |
| 11 | 3 | | $-7x^5 - 3x^4 - 7x^3 - 7x^2 - 7x - 7$ | $7x^5 - 11x^4 + 7x^3 - 7x^2 + 7x - 7$ | $4x^{11} - 7x^6$ |
| 11 | 11 | 11 | $4x^4 + 7x^2$ | $4x^4 + 7x^2$ | $4x^4 - 7x^2$ |
| 11 | 7 | 7 | $7x^5 + 4$ | $-7x^{5}$ | $7x^{10} - 7x^8 + 7x^6 - 7x^4 + 7x^2 - 7$ |
| 11 | 11 | 7 | 7x+4 | -7x + 4 | $7x^8$ |
| 11 | 3 | -4x + 7 | $7x^4 + 4$ | $7x^4 - 4$ | $4x^7 + 7x^4$ |
| 1 | 1 | 1 | 1 | 1 | 1 |

| 1 | 29 |
|-------------|----------|
| 1 | 0 |
| 1 | x^{27} |
| 1 | x^{26} |
| 1 | x^{25} |
| | r^{24} |
| 1 | x^{23} |
| 1 | x^{22} |
| 1 | x^{21} |
| 1 | x^{20} |
| | x^{19} |
| 1 | x^{18} |
| 1 | x^{17} |
| 1 | x^{16} |
| 1 | x^{15} |
| 1 | x^{14} |
| 1 | x^{13} |
| 1 1 1 | x^{12} |
| 1 | x^{11} |
| | x^{10} |
| 1 | x^9 |
| 1 | x^8 |
| 1 | x^7 |
| 1 1 | x^6 |
| 1 | x^5 |
| 1 | x^4 |
| 1 | x^3 |
| 1 | x^2 |
| 1 | x |
| 1 | 1 |

3

12r

15x

33x

27r

18x + 12

15x + 6

27x + 18

28x + 27

10x + 21

10x + 15

28x + 15

22x + 33

28x + 12

10x + 6

27x + 28

27x + 10

33x + 22

15x + 16

15x + 10

18x + 5

12x + 23

12x + 5

18x + 17

22x

10x

28x

-100930578360

18

56

50

50

80

18

6

0

60

55

43

31

25

85

15

45

33

21

15

65

5

35

23

110

-239198612863

-158454150175

35

35

71

71

143

95

95

55

31

31

55

55

55

31

31

55

55

55

31

31

83

35

35

35

103

103

-30279173508x

-20186115672x - 30279173508

6

-12r

-18x

-12x

-18x

-22x

-28r

-10x

-10x

-15x

-27x

-33x

-15x

-15x + 6

-12x + 5

-18x + 5

-10x + 6

 $-107988860995x^3$

 $-107988860995x^2$

 $71x^{3}$

 $30x^{3}$

 $31x^{3}$

 $31x^{2}$

 $30x^{2}$

 $31x^{2}$

31x

30x

31x

31

78x + 25

 $25x^3 + 30x$

 $25x^2 + 30x$

 $5x^3 + 30$

 $5x^2 + 30$

5x + 30

 $78x^3 + 65x^2$

 $30x^3 + 65x$

 $30x^3 + 65$

 $78x^2 + 25x$

 $25x^3 + 30x^2$

 $30x^2 + 25$

10

0

0

0

 $-50x^{3}$

-50x

 $-18x^{3}$

 $-6x^{3}$

 $60x^{2}$

 $30x^{2}$

 $31x^{2}$

-25x

-21x

 $-5x^{3}$

 $5x^2 + 30$

-5x + 18

15

60

-60x + 25

 $-15x^3 - 30x$

 $15x^2 - 18x$

 $-60x^3 + 50x^2$

 $-25x^3 + 18x^2$

 $-30x^3 + 50$

15

0

0

0

0

0

 $-5x^7 - 15x^2$

 $12x^{7}$

10x

 $4x^7 - 6x^2$

 $18x^6 + 12x$

 $16x^6 + 15x$

 $-15x^5 - 5$

 $-18x^5 - 18$

 $-12x^5 + 5x^3 + 6$

 $5x^6 - 18x^5 - 6$

 $18x^7 + 15x^6 + 10x$

 $-10x^5 + 18x - 10$

 $-6x^7 - 10x^5 - 18x^2 + 5$

 $5x^7 + 12x^6 - 10x^2 + 18x$

 $-5x^7 - 12x^5 - 5x^2 - 12$

 $-15x^7 + 15x^5 - 15x^4 - 15x + 15$

 $-12x^{7} + 12x^{5} - 12x^{4} + 18x^{3} + 3x + 12$

 $-10x^7 + 10x^5 - 10x^4 + 21x^3 - 10x + 10$

 $-4x^7 + 10x^5 - 10x^4 - 12x^2 - 10x + 10$

 $-15x^7 + 15x^5 - 15x^4 + 10x^3 - 3x + 15$

 $-3x^7 + 18x^5 - 18x^4 - 18x + 18$

 $-12x^7 - 3x^5 - 12x^4 - 12x - 3$

30

0

0

0

0

0

 $-6x^{3}$

 $-12x^{7}$

-10x

 $-4x^7 - 6x^2$

 $10x^5 - 10$

 $-15x^7 - 18x$ $6x^6 - 15x$

 $15x^5 - 15$

 $-5x^3$

0

 $-18x^{7} + 18x^{5} - 18x^{4} + 12x^{3} - 18x + 18$ $18x^{7} - 18x^{5} - 18x^{4} + 18x + 18$

 $12x^7 - 12x^5 - 12x^4 + 12x + 12$

 $-8x^7 - 10x^5 - 10x^4 + 10x + 10$

 $15x^7 - 15x^5 - 15x^4 + 3x + 15$

 $5x^7 + 12x^5 - 5x^2 - 12$

 $5x^6 + 18x^5 - 18$