

[illegible]

$$No0I = \begin{bmatrix} .I = [p(x) = x^4 + x^2 - 2x + 2, c = 2] \\ .2 = [p(x) = x^4 - 3x^3 - 3x - 1, c = -1] \\ .3 = \left[p(x) = 6x^3 + 17x^2 + 5x - 1, c = \frac{-5}{2} \right] \\ .4 = \left[p(x) = 15x^4 - 13x^3 - 20x^2 + 12x - 16, c = \frac{5}{3} \right] \end{bmatrix}$$

$$No02 = \begin{bmatrix} .1 = [\mathbf{b}(x) = x - 2, \mathbf{a}(x) = m x^3 + x^4 + x^2 - 2 x - 16] \\ .2 = [\mathbf{b}(x) = x + 3, \mathbf{a}(x) = x^4 + 3 x^3 + m x - x^2 + 9] \\ .3 = [\mathbf{b}(x) = x - m, \mathbf{a}(x) = x^2 + x - 13, r = -7] \\ .4 = [\mathbf{b}(x) = 3 x + 1, \mathbf{a}(x) = -6 x + 9 x^2 + m, r = -2] \end{bmatrix}$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 + 4x^2 - 25x - 100] \\ .2 = [p(x) = x^4 - 29x^2 + 100] \\ .3 = [p(x) = x^3 - 64] \\ .4 = [p(x) = x^4 - 81] \\ .5 = [p(x) = x^4 + 10x^3 + 27x^2 + 2x - 40] \\ .6 = [p(x) = x^4 + x^3 - 2x^2 - 6x - 4] \\ .7 = [p(x) = 6x^3 + 29x^2 + 43x + 20] \\ .8 = [p(x) = 15x^4 - 89x^3 + 163x^2 - 99x + 18] \end{bmatrix}$$

[illegible]

$$No0I = \begin{bmatrix} .1 = [p(x) = x^4 - x^3 - 4x^2 + 3, c = 2] \\ .2 = [p(x) = x^4 + 2x^2 + 3x - 5, c = -1] \\ .3 = \left[p(x) = -11x^3 + 2x^2 + 15x^4 - 5, c = \frac{1}{3} \right] \\ .4 = \left[p(x) = -4x - 13 + 7x^3 - 3x^2 + 6x^4, c = \frac{-3}{2} \right] \end{bmatrix}$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x - 1, a(x) = x^4 + m x^2 - 4 x^3 + 5 x - 2] \\ .2 = [b(x) = x + 3, a(x) = x^4 + 2 x^3 + m + 5 x] \\ .3 = [b(x) = x - m, a(x) = x^2 - 8 x + 22, r = 7] \\ .4 = [b(x) = 2 x - 3, a(x) = 12 x^2 + 8 x^4 - 6 x + 7 + m x^3, r = -2] \end{array} \right]$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 - 5x^2 - 16x + 80] \\ .2 = [p(x) = x^4 - 20x^2 + 64] \\ .3 = [p(x) = x^3 - 27] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 + x^3 - 12x^2 - 28x - 16] \\ .6 = [p(x) = x^4 - x^3 - 9x^2 - 5x + 2] \\ .7 = [p(x) = 10x^3 + 27x^2 - 3x - 20] \\ .8 = [p(x) = 10x^4 - 23x^3 - 10x^2 + 29x + 6] \end{bmatrix}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 2x^2 + x - 5, c = 2] \\ .2 = [p(x) = x^4 + 2x^3 - 3x^2 + 1, c = -3] \\ .3 = \left[p(x) = 10x^4 + 25x^3 + 8x + 22, c = \frac{-5}{2} \right] \\ .4 = \left[p(x) = -37x^3 + 20x^2 + 15x^4 - 6x + 6, c = \frac{5}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 1, a(x) = x^4 + mx^2 + 2x^3 - 4] \\ .2 = [b(x) = x + 3, a(x) = mx^3 + x^4 - 3x^2] \\ .3 = [b(x) = x - m, a(x) = x^2 - 6x + 2, r = -3] \\ .4 = [b(x) = 2x - 5, a(x) = 23 + 4x^3 - 4x^2 + mx, r = 3] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - x^2 - 9x + 9] \\ .2 = [p(x) = x^4 - 17x^2 + 16] \\ .3 = [p(x) = x^3 + 27] \\ .4 = [p(x) = x^4 - 1] \\ .5 = [p(x) = x^4 + 4x^3 + 3x^2 - 2x - 6] \\ .6 = [p(x) = x^4 + 8x^3 + 23x^2 + 28x + 12] \\ .7 = [p(x) = 4x^3 + 24x^2 + 41x + 15] \\ .8 = [p(x) = 10x^4 - 23x^3 + 2x^2 + 23x - 12] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 3x^3 + 3x - 4, c = 3] \\ .2 = [p(x) = x^4 - 2x^3 - x^2 + 5, c = -1] \\ .3 = \left[p(x) = -9x - 17 + 6x^4 + 8x^3, c = \frac{-4}{3} \right] \\ .4 = \left[p(x) = 2x^3 + 5x^2 - 12x - 4, c = \frac{3}{2} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = mx^3 + x^4 - x - 3] \\ .2 = [b(x) = x - 2, a(x) = x^4 + mx^2 - 5x - 18] \\ .3 = [b(x) = x - m, a(x) = x^2 + 2x - 18, r = 6] \\ .4 = [b(x) = 2x - 3, a(x) = 2x^2 + 19 + mx, r = 7] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 4x^2 - x + 4] \\ .2 = [p(x) = x^4 - 10x^2 + 9] \\ .3 = [p(x) = x^3 + 8] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 + 5x^3 + 4x^2 - 7x - 3] \\ .6 = [p(x) = x^4 - 8x^3 + 17x^2 + 2x - 24] \\ .7 = [p(x) = 20x^3 - 31x^2 - 81x - 18] \\ .8 = [p(x) = 15x^4 + 41x^3 + 25x^2 - 13x - 12] \end{array} \right]
\end{aligned}$$

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$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 2x^2 + 5x - 1, c = 1] \\ .2 = [p(x) = x^4 + 4x^3 + 2x + 3, c = -2] \\ .3 = \left[p(x) = 12x^3 + 11x^2 + 8x + 2, c = \frac{-2}{3} \right] \\ .4 = \left[p(x) = -2x - 6 - 9x^3 + 4x^2 + 2x^4, c = \frac{1}{2} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 3, a(x) = x^4 - 3x^3 + m + x] \\ .2 = [b(x) = x + 2, a(x) = mx^3 + x^4 - 5x^2 - 4] \\ .3 = [b(x) = x - m, a(x) = x^2 - 6x + 13, r = 5] \\ .4 = [b(x) = 2x + 3, a(x) = 8x - 1 + 8x^3 + mx^2, r = 5] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 5x^2 - 4x + 20] \\ .2 = [p(x) = x^4 - 10x^2 + 9] \\ .3 = [p(x) = x^3 - 64] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 - 9x^3 + 28x^2 - 34x + 12] \\ .6 = [p(x) = x^4 - 4x^3 - 17x^2 + 24x + 36] \\ .7 = [p(x) = 16x^3 + 32x^2 + 19x + 3] \\ .8 = [p(x) = 6x^4 - 25x^3 + 19x^2 + 25x - 25] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 4x^2 - x - 3, c = 2] \\ .2 = [p(x) = x^4 + x^3 - 4x^2 + 2, c = -3] \\ .3 = \left[p(x) = -14x + 16 + 15x^4 - 25x^3 + 3x^2, c = \frac{5}{3} \right] \\ .4 = \left[p(x) = -3x - 14 + 2x^3 + 5x^2, c = \frac{-3}{2} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = x^4 + 3x^3 + m + 2x] \\ .2 = [b(x) = x - 2, a(x) = x^4 + mx - 3x^2 - 8] \\ .3 = [b(x) = 3x + 2, a(x) = 12x^4 + 11x^3 + 3x + 9 + mx^2, r = 7] \\ .4 = [b(x) = x - m, a(x) = x^2 - 2x - 38, r = -3] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 + x^2 - 4x - 4] \\ .2 = [p(x) = x^4 - 20x^2 + 64] \\ .3 = [p(x) = x^3 - 1] \\ .4 = [p(x) = x^4 - 1] \\ .5 = [p(x) = x^4 - 3x^3 - 9x^2 + 25x - 6] \\ .6 = [p(x) = x^4 + 12x^3 + 47x^2 + 72x + 36] \\ .7 = [p(x) = 10x^3 + 21x^2 - 16x - 15] \\ .8 = [p(x) = 15x^4 - 28x^3 - 55x^2 + 112x - 20] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 3x^3 + 2x^2 - 3, c = 3] \\ .2 = [p(x) = x^4 - 4x^2 + 3x + 1, c = -2] \\ .3 = \left[p(x) = -10x^2 + 2x + 4x^3 + 11, c = \frac{3}{2} \right] \\ .4 = \left[p(x) = 3x^4 + 2x^3 + 3x^2 + 5x + 8, c = -\frac{2}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = x^4 + 4x^3 + 3x^2 + m] \\ .2 = [b(x) = x - 2, a(x) = x^4 + mx^2 - 5x - 10] \\ .3 = [b(x) = 2x + 5, a(x) = 4x + 17 + 10x^4 + mx^3, r = 7] \\ .4 = [b(x) = x - m, a(x) = x^2 - 3x - 19, r = -1] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 3x^2 - x + 3] \\ .2 = [p(x) = x^4 - 17x^2 + 16] \\ .3 = [p(x) = x^3 - 27] \\ .4 = [p(x) = x^4 - 81] \\ .5 = [p(x) = x^4 + 9x^3 + 28x^2 + 34x + 12] \\ .6 = [p(x) = x^4 + 4x^3 - x^2 - 16x - 12] \\ .7 = [p(x) = 9x^3 + 24x^2 + 19x + 4] \\ .8 = [p(x) = 15x^4 - 23x^3 - x^2 + 11x - 2] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 3x^3 + 4x^2 + 5, c = 2] \\ .2 = [p(x) = x^4 + 2x^3 + 2x - 4, c = -3] \\ .3 = \left[p(x) = 6x^4 + 5x^3 + x^2 + 3x + 2, c = \frac{-1}{3} \right] \\ .4 = \left[p(x) = 2x^2 - 3x + 8x^4 - 12x^3 + 5, c = \frac{3}{2} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x + 1, a(x) = x^4 - 2x^3 + mx - 4] \\ .2 = [b(x) = x - 2, a(x) = x^4 - x^2 + m + 2x] \\ .3 = [b(x) = x - m, a(x) = x^2 - 10x + 15, r = -6] \\ .4 = [b(x) = 3x + 2, a(x) = 7x + 3 + 9x^4 + 6x^3 + mx^2, r = -3] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 + 4x^2 - 25x - 100] \\ .2 = [p(x) = x^4 - 17x^2 + 16] \\ .3 = [p(x) = x^3 + 64] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 + 3x^3 - 9x^2 - 25x - 6] \\ .6 = [p(x) = x^4 + 14x^3 + 65x^2 + 112x + 60] \\ .7 = [p(x) = 20x^3 - 21x^2 - 11x + 12] \\ .8 = [p(x) = 8x^4 - 18x^3 - 27x^2 + 67x - 30] \end{array} \right]
\end{aligned}$$

[illegible]

$$No0I = \left[\begin{array}{l} .1 = [p(x) = x^4 - 3x^3 + 4x - 1, c = 2] \\ .2 = [p(x) = x^4 + 3x^3 - 2x^2 - 1, c = -1] \\ .3 = \left[p(x) = -12x + 11 + 10x^4 - 15x^3 + 4x^2, c = \frac{3}{2} \right] \\ .4 = \left[p(x) = -5x - 7 + 12x^3 + 16x^2, c = \frac{-1}{3} \right] \end{array} \right]$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x - 2, a(x) = m x^3 + x^4 + 4 x^2 - 16] \\ .2 = [b(x) = x + 1, a(x) = x^4 - 5 x^3 + m + 2 x] \\ .3 = [b(x) = 2 x + 3, a(x) = -10 x + 6 + 6 x^4 + 9 x^3 + m x^2, r = 3] \\ .4 = [b(x) = x - m, a(x) = x^2 - 10 x + 17, r = -7] \end{array} \right]$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 + 3x^2 - 25x - 75] \\ .2 = [p(x) = x^4 - 26x^2 + 25] \\ .3 = [p(x) = x^3 - 125] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 - 3x^3 + x^2 - 5x + 6] \\ .6 = [p(x) = x^4 - 5x^3 + 20x - 16] \\ .7 = [p(x) = 8x^3 - 22x^2 + 19x - 5] \\ .8 = [p(x) = 15x^4 + 31x^3 - 29x^2 - 47x + 30] \end{bmatrix}$$

[illegible]

$$No01 = \left[\begin{array}{l} .1 = [p(x) = x^4 - 2x^3 - x - 4, c = 3] \\ .2 = [p(x) = x^4 - 4x^2 - 3x - 4, c = -2] \\ .3 = \left[p(x) = 12x^3 - 13x^2 - x - 7, c = \frac{4}{3} \right] \\ .4 = \left[p(x) = -x - 8 + 8x^3 + 10x^2, c = \frac{-1}{2} \right] \end{array} \right]$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x + 1, a(x) = x^4 - 4x^3 + m + 5x] \\ .2 = [b(x) = x - 2, a(x) = x^4 + mx^2 - 5x^3 + 12] \\ .3 = [b(x) = x - m, a(x) = x^2 + x - 38, r = 4] \\ .4 = [b(x) = 2x - 3, a(x) = -18x^2 + 3x + 15 + mx^3, r = 6] \end{array} \right]$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 + x^2 - 4x - 4] \\ .2 = [p(x) = x^4 - 29x^2 + 100] \\ .3 = [p(x) = x^3 + 27] \\ .4 = [p(x) = x^4 - 16] \\ .5 = [p(x) = x^4 + 3x^3 - 21x^2 - 83x - 60] \\ .6 = [p(x) = x^4 - 7x^3 + 16x^2 - 13x + 3] \\ .7 = [p(x) = 15x^3 - 44x^2 + 20x + 16] \\ .8 = [p(x) = 15x^4 + 88x^3 + 169x^2 + 132x + 36] \end{bmatrix}$$

[illegible]

$$No0l = \left[\begin{array}{l} .1 = [p(x) = x^4 - x^3 - 4x - 4, c = 1] \\ .2 = [p(x) = x^4 + 3x^3 + 2x - 4, c = -3] \\ .3 = \left[p(x) = -2x + 6 + 10x^4 + 9x^3 + 2x^2, c = \frac{-1}{2} \right] \\ .4 = \left[p(x) = -14x^3 + 4x^2 + 12x^4 - 7, c = \frac{2}{3} \right] \end{array} \right]$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = x^4 + m x^2 + x^3 - 18] \\ .2 = [b(x) = x - 2, a(x) = m x^3 + x^4 - x + 2] \\ .3 = [b(x) = 3 x + 2, a(x) = -3 x + 6 x^4 + 16 x^3 + 8 x^2 + m, r = 7] \\ .4 = [b(x) = x - m, a(x) = x^2 - 7 x + 3, r = -3] \end{array} \right]$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 + 4x^2 - x - 4] \\ .2 = [p(x) = x^4 - 26x^2 + 25] \\ .3 = [p(x) = x^3 - 27] \\ .4 = [p(x) = x^4 - 81] \\ .5 = [p(x) = x^4 - 15x^2 + 10x + 24] \\ .6 = [p(x) = x^4 - 5x^3 + 10x^2 - 10x + 4] \\ .7 = [p(x) = 20x^3 - 57x^2 + 37x - 6] \\ .8 = [p(x) = 12x^4 + 19x^3 - 44x^2 - 76x - 16] \end{bmatrix}$$

[illegible]

$$No0I = \begin{bmatrix} .1 = [p(x) = x^4 - 4x^3 + 2x^2 - 5, c = 1] \\ .2 = [p(x) = x^4 + 2x^3 - 4x^2 - 1, c = -2] \\ .3 = \left[p(x) = 8x^4 - 4x^3 - 2x + 6, c = \frac{1}{2} \right] \\ .4 = \left[p(x) = 3x^4 + 2x^3 + 3x - 5, c = \frac{-2}{3} \right] \end{bmatrix}$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = m x^3 + x^4 + 5 x^2 + 9] \\ .2 = [b(x) = x - 2, a(x) = x^4 - x^3 + 2 x^2 + m] \\ .3 = [b(x) = x - m, a(x) = x^2 - 4 x - 19, r = 2] \\ .4 = [b(x) = 3 x + 1, a(x) = 4 + 12 x^4 + 10 x^3 + 2 x^2 + m x, r = 1] \end{array} \right]$$

$$No03 = \left[\begin{array}{l} .1 = [p(x) = x^3 + x^2 - 16x - 16] \\ .2 = [p(x) = x^4 - 41x^2 + 400] \\ .3 = [p(x) = x^3 - 8] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 - 9x^3 + 28x^2 - 34x + 12] \\ .6 = [p(x) = x^4 - 2x^3 - 31x^2 + 32x + 60] \\ .7 = [p(x) = 15x^3 + 71x^2 + 86x + 24] \\ .8 = [p(x) = 10x^4 + 77x^3 + 195x^2 + 171x + 27] \end{array} \right]$$

[illegible]

$$No0I = \left[\begin{array}{l} .1 = [p(x) = x^4 + 3x^3 + 2x^2 + 1, c = 1] \\ .2 = [p(x) = x^4 + x^3 - 4x^2 + 2, c = -3] \\ .3 = \left[p(x) = 4x^2 - 8x - 3, c = \frac{1}{2} \right] \\ .4 = \left[p(x) = 15x^4 + 22x^3 + 8x^2 + 12x + 12, c = -\frac{2}{3} \right] \end{array} \right]$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = x^4 + m x^2 + 3 x^3 - x - 3] \\ .2 = [b(x) = x - 1, a(x) = m x^3 + x^4 - 4 x^2 - 1] \\ .3 = [b(x) = x - m, a(x) = x^2 + x - 48, r = -6] \\ .4 = [b(x) = 2 x - 3, a(x) = -6 x + 10 x^4 - 13 x^3 - 3 x^2 + m, r = 6] \end{array} \right]$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 - 5x^2 - x + 5] \\ .2 = [p(x) = x^4 - 17x^2 + 16] \\ .3 = [p(x) = x^3 + 27] \\ .4 = [p(x) = x^4 - 16] \\ .5 = [p(x) = x^4 + 4x^3 + 7x^2 + 8x + 4] \\ .6 = [p(x) = x^4 + 4x^3 - 13x^2 - 64x - 48] \\ .7 = [p(x) = 15x^3 + 14x^2 - 83x + 30] \\ .8 = [p(x) = 15x^4 - 77x^3 + 124x^2 - 52x - 16] \end{bmatrix}$$

[illegible]

$$No01 = \begin{bmatrix} .1 = [p(x) = x^4 - 2x^3 - x^2 - 3, c = 3] \\ .2 = [p(x) = x^4 - 2x^2 + 4x - 4, c = -2] \\ .3 = \left[p(x) = 8x + 9 + 4x^3 - 3x^2 + 4x^4, c = \frac{-3}{2} \right] \\ .4 = \left[p(x) = -2x + 5 - 3x^2 + 9x^4 - 3x^3, c = \frac{1}{3} \right] \end{bmatrix}$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = m x^3 + x^4 - 2 x^2 + 18] \\ .2 = [b(x) = x - 2, a(x) = x^4 - x^3 + m x] \\ .3 = [b(x) = x - m, a(x) = x^2 - 9 x + 13, r = -5] \\ .4 = [b(x) = 2 x - 3, a(x) = -8 x - 12 x^3 + 9 x^2 + 4 x^4 + m, r = -3] \end{array} \right]$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 - 5x^2 - 16x + 80] \\ .2 = [p(x) = x^4 - 20x^2 + 64] \\ .3 = [p(x) = x^3 - 125] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 + x^3 - 27x^2 - 25x + 50] \\ .6 = [p(x) = x^4 - 17x^2 - 20x + 12] \\ .7 = [p(x) = 10x^3 - 9x^2 - 13x + 6] \\ .8 = [p(x) = 15x^4 + 28x^3 + 10x^2 - 4x - 1] \end{bmatrix}$$

[illegible]

$$\begin{aligned}
No01 &= \begin{bmatrix} .1 = [p(x) = x^4 + 3x^3 - 4x^2 + 4, c = 1] \\ .2 = [p(x) = x^4 + 3x^3 + 5x - 5, c = -3] \\ .3 = \left[p(x) = 9x^3 + 6x^2 - 2x - 11, c = \frac{2}{3} \right] \\ .4 = \left[p(x) = 11 - x^2 + 2x^3, c = \frac{-3}{2} \right] \end{bmatrix} \\
No02 &= \begin{bmatrix} .1 = [b(x) = x - 3, a(x) = x^4 - 4x^3 + m + 3x] \\ .2 = [b(x) = x + 1, a(x) = x^4 + mx^2 + 5x + 6] \\ .3 = [b(x) = 3x + 2, a(x) = -9x - 4 + 3x^4 + 8x^2 + mx^3, r = 2] \\ .4 = [b(x) = x - m, a(x) = x^2 - 5x + 3, r = -1] \end{bmatrix} \\
No03 &= \begin{bmatrix} .1 = [p(x) = x^3 + 4x^2 - 4x - 16] \\ .2 = [p(x) = x^4 - 26x^2 + 25] \\ .3 = [p(x) = x^3 + 64] \\ .4 = [p(x) = x^4 - 16] \\ .5 = [p(x) = x^4 - 2x^3 + x^2 - 4x + 4] \\ .6 = [p(x) = x^4 - 2x^3 - 23x^2 - 12x + 36] \\ .7 = [p(x) = 15x^3 - 28x^2 - 12x + 16] \\ .8 = [p(x) = 20x^4 - 43x^3 - 91x^2 + 132x - 36] \end{bmatrix}
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 + 4x^3 + 2x - 4, c = 1] \\ .2 = [p(x) = x^4 + x^2 + x - 2, c = -2] \\ .3 = \left[p(x) = 9x^4 + 24x^3 + 16x^2 + 6x + 11, c = \frac{-4}{3} \right] \\ .4 = \left[p(x) = -11x + 20 + 10x^4 - 25x^3 + 2x^2, c = \frac{5}{2} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 2, a(x) = x^4 - 4x^2 + m - 4x] \\ .2 = [b(x) = x + 1, a(x) = mx^3 + x^4 + 5x + 8] \\ .3 = [b(x) = x - m, a(x) = x^2 - 4x - 11, r = 1] \\ .4 = [b(x) = 3x - 5, a(x) = 6x - 7 + 12x^3 + mx^2, r = 3] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 + 5x^2 - x - 5] \\ .2 = [p(x) = x^4 - 20x^2 + 64] \\ .3 = [p(x) = x^3 + 1] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 - 2x^2 - 3x - 2] \\ .6 = [p(x) = x^4 - 14x^3 + 65x^2 - 112x + 60] \\ .7 = [p(x) = 6x^3 + 13x^2 - 13x - 30] \\ .8 = [p(x) = 16x^4 - 40x^3 - 35x^2 + 30x + 9] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{aligned} .1 &= [p(x) = x^4 - 2x^2 + 3x - 5, c = 2] \\ .2 &= [p(x) = x^4 + 3x^3 - 3x - 3, c = -3] \\ .3 &= \left[p(x) = 6x^2 - 7x + 2x^4 - 5x^3 - 27, c = \frac{5}{2} \right] \\ .4 &= \left[p(x) = 9x + 10 + 3x^4 + 14x^3 + 8x^2, c = \frac{-2}{3} \right] \end{aligned} \right] \\
No02 &= \left[\begin{aligned} .1 &= [b(x) = x - 3, a(x) = mx^3 + x^4 - 2x - 21] \\ .2 &= [b(x) = x + 1, a(x) = x^4 + mx^2 + 3x^3 + 7] \\ .3 &= [b(x) = x - m, a(x) = x^2 - 8x + 11, r = -4] \\ .4 &= [b(x) = 3x + 1, a(x) = -x - 12x^2 + 3x^4 + x^3 + m, r = 2] \end{aligned} \right] \\
No03 &= \left[\begin{aligned} .1 &= [p(x) = x^3 + 5x^2 - 9x - 45] \\ .2 &= [p(x) = x^4 - 41x^2 + 400] \\ .3 &= [p(x) = x^3 - 1] \\ .4 &= [p(x) = x^4 - 1] \\ .5 &= [p(x) = x^4 - 22x^2 - 24x + 45] \\ .6 &= [p(x) = x^4 - 12x^2 - 8x + 3] \\ .7 &= [p(x) = 12x^3 - 17x^2 - 24x + 20] \\ .8 &= [p(x) = 6x^4 + 17x^3 - 24x^2 - 53x + 30] \end{aligned} \right]
\end{aligned}$$

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$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 3x^3 + x^2 - 1, c = 2] \\ .2 = [p(x) = x^4 + 4x^3 + 5x^2 - 4, c = -3] \\ .3 = \left[p(x) = 6x^2 - 9x + 2x^4 - 3x^3 - 2, c = \frac{3}{2} \right] \\ .4 = \left[p(x) = 8x^3 - 20x^2 + 12x^4 - 12x - 23, c = \frac{-5}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x + 2, a(x) = x^4 - 4x^2 + m + x] \\ .2 = [b(x) = x - 3, a(x) = mx^3 + x^4 - 2x^2 - 9] \\ .3 = [b(x) = x - m, a(x) = x^2 - 5x + 1, r = 7] \\ .4 = [b(x) = 3x - 1, a(x) = -15x^3 + 4x^2 + 9x^4 - 6 + mx, r = -5] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 3x^2 - 25x + 75] \\ .2 = [p(x) = x^4 - 25x^2 + 144] \\ .3 = [p(x) = x^3 + 125] \\ .4 = [p(x) = x^4 - 81] \\ .5 = [p(x) = x^4 + 9x^3 + 21x^2 - x - 30] \\ .6 = [p(x) = x^4 - x^3 - 2x^2 + 6x - 4] \\ .7 = [p(x) = 8x^3 + 18x^2 - 17x + 3] \\ .8 = [p(x) = 20x^4 - 13x^3 - 105x^2 - 99x - 27] \end{array} \right]
\end{aligned}$$

[illegible]

$$No0I = \begin{bmatrix} .1 = [p(x) = x^4 + 2x^3 + 4x + 4, c = 1] \\ .2 = [p(x) = x^4 + 4x^3 + 4x^2 + 2, c = -3] \\ .3 = \left[p(x) = -6x + 2 - 10x^2 + 3x^3, c = \frac{1}{3} \right] \\ .4 = \left[p(x) = -2x - 8 - 5x^3 - 3x^2 + 2x^4, c = \frac{-1}{2} \right] \end{bmatrix}$$

$$No02 = \begin{bmatrix} .1 = [b(x) = x + 3, a(x) = x^4 + m x^2 + x^3 - 18] \\ .2 = [b(x) = x - 2, a(x) = x^4 - 4 x^3 + m x + 22] \\ .3 = [b(x) = 3 x + 4, a(x) = 9 x^4 + 16 x^2 + 6 x + 15 + m x^3, r = 7] \\ .4 = [b(x) = x - m, a(x) = x^2 - 11 x + 31, r = 1] \end{bmatrix}$$

$$\text{No03} = \left[\begin{array}{l} .1 = [p(x) = x^3 - x^2 - 16x + 16] \\ .2 = [p(x) = x^4 - 26x^2 + 25] \\ .3 = [p(x) = x^3 + 8] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 - 5x^3 + 4x^2 + 7x - 3] \\ .6 = [p(x) = x^4 - x^3 - 19x^2 + 49x - 30] \\ .7 = [p(x) = 6x^3 + 25x^2 + 18x - 9] \\ .8 = [p(x) = 20x^4 - 49x^3 - 86x^2 + 169x - 30] \end{array} \right]$$

[illegible]

$$No0I = \left[\begin{array}{l} .1 = [p(x) = x^4 + 4x^2 - 5x + 2, c = 1] \\ .2 = [p(x) = x^4 + 3x^3 + 2x + 4, c = -3] \\ .3 = \left[p(x) = 3x^2 + 8x + 10 + 12x^4 + 8x^3, c = \frac{-2}{3} \right] \\ .4 = \left[p(x) = -17x^2 - x + 6x^3 + 8, c = \frac{5}{2} \right] \end{array} \right]$$

$$No02 = \begin{cases} .1 = [b(x) = x + 1, a(x) = x^4 + x^3 + m x + 3 x^2 - 3] \\ .2 = [b(x) = x - 2, a(x) = m x^3 + x^4 - 3 x - 18] \\ .3 = [b(x) = 3 x - 5, a(x) = 15 x^4 - 25 x^3 - 12 x + 14 + m x^2, r = -6] \\ .4 = [b(x) = x - m, a(x) = x^2 - x - 4, r = -2] \end{cases}$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 + 4x^2 - 25x - 100] \\ .2 = [p(x) = x^4 - 10x^2 + 9] \\ .3 = [p(x) = x^3 - 1] \\ .4 = [p(x) = x^4 - 1] \\ .5 = [p(x) = x^4 - 10x^3 + 33x^2 - 40x + 12] \\ .6 = [p(x) = x^4 - 3x^3 - 21x^2 + 43x + 60] \\ .7 = [p(x) = 8x^3 + 22x^2 - 7x - 3] \\ .8 = [p(x) = 9x^4 - 30x^3 - 5x^2 + 50x - 24] \end{bmatrix}$$

[illegible]

$$No01 = \left[\begin{array}{l} .1 = [p(x) = x^4 - 2x^3 - 2x - 3, c = 3] \\ .2 = [p(x) = x^4 - 5x^2 - 5x + 5, c = -1] \\ .3 = \left[p(x) = 4x - 4 + 2x^3 - x^2 + 8x^4, c = \frac{-1}{2} \right] \\ .4 = \left[p(x) = 6x - 3 + 3x^4 + 5x^3 - 12x^2, c = \frac{4}{3} \right] \end{array} \right]$$

$$No02 = \begin{bmatrix} .1 = [b(x) = x - 2, a(x) = x^4 + m x^2 - 2 x^3 + 4 x - 8] \\ .2 = [b(x) = x + 1, a(x) = x^4 + x^2 + m - 5 x] \\ .3 = [b(x) = x - m, a(x) = x^2 + 5 x - 3, r = -7] \\ .4 = [b(x) = 3 x - 2, a(x) = 6 x^2 + 15 x^4 - 4 + m x^3, r = -4] \end{bmatrix}$$

$$No03 = \left[\begin{array}{l} .1 = [p(x) = x^3 - 2x^2 - x + 2] \\ .2 = [p(x) = x^4 - 10x^2 + 9] \\ .3 = [p(x) = x^3 + 1] \\ .4 = [p(x) = x^4 - 16] \\ .5 = [p(x) = x^4 + 5x^3 + 9x^2 + 11x + 6] \\ .6 = [p(x) = x^4 + 3x^3 - 8x^2 - 12x + 16] \\ .7 = [p(x) = 15x^3 + 59x^2 + 34x - 24] \\ .8 = [p(x) = 15x^4 + 28x^3 - 25x^2 - 46x - 8] \end{array} \right]$$

[illegible]

$$No01 = \left[\begin{array}{l} .1 = [p(x) = x^4 - 2x^2 - 2x - 3, c = 2] \\ .2 = [p(x) = x^4 - 5x^3 + x - 1, c = -1] \\ .3 = \left[p(x) = 4x^4 - 2x^3 + 6x^2 + 5x + 1, c = \frac{1}{2} \right] \\ .4 = \left[p(x) = -6x - 1 + 12x^3 + 3x^2 + 9x^4, c = \frac{-1}{3} \right] \end{array} \right]$$

$$No02 = \left[\begin{array}{l} .1 = [\mathbf{b}(x) = x - 2, \mathbf{a}(x) = m x^3 + x^4 - 5 x^2 + 20] \\ .2 = [\mathbf{b}(x) = x + 1, \mathbf{a}(x) = x^4 + m x^2 + x + 3] \\ .3 = [\mathbf{b}(x) = 3 x - 2, \mathbf{a}(x) = -18 x^3 + 8 x^2 + 9 x^4 - 5 + m x, r = -3] \\ .4 = [\mathbf{b}(x) = x - m, \mathbf{a}(x) = x^2 - 4 x - 4, r = -7] \end{array} \right]$$

$$No03 = \begin{bmatrix} .1 = [p(x) = x^3 - 5x^2 - 9x + 45] \\ .2 = [p(x) = x^4 - 5x^2 + 4] \\ .3 = [p(x) = x^3 - 1] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 - 10x^3 + 27x^2 - 2x - 40] \\ .6 = [p(x) = x^4 - 2x^3 - 8x^2 + 13x + 6] \\ .7 = [p(x) = 15x^3 + 17x^2 - 22x - 24] \\ .8 = [p(x) = 20x^4 + 11x^3 - 48x^2 + 19x - 2] \end{bmatrix}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 4x^3 - 3x + 4, c = 2] \\ .2 = [p(x) = x^4 + 2x^3 - 2x^2 - 5, c = -3] \\ .3 = \left[p(x) = 6x^4 + x^3 - x^2 - 12x + 7, c = \frac{1}{3} \right] \\ .4 = \left[p(x) = 6x^2 - 9x + 8x^3 - 7, c = \frac{-3}{2} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 3, a(x) = x^4 - x^3 - 4x^2 + m] \\ .2 = [b(x) = x + 1, a(x) = mx^3 + x^4 - 5x - 2] \\ .3 = [b(x) = x - m, a(x) = x^2 - 11x + 33, r = 5] \\ .4 = [b(x) = 2x + 5, a(x) = -23 + 6x^3 + 21x^2 + mx, r = -3] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 4x^2 - 25x + 100] \\ .2 = [p(x) = x^4 - 10x^2 + 9] \\ .3 = [p(x) = x^3 - 1] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 + 5x^3 + 10x^2 + 10x + 4] \\ .6 = [p(x) = x^4 - 33x^2 + 28x + 60] \\ .7 = [p(x) = 15x^3 - 22x^2 - 28x + 24] \\ .8 = [p(x) = 10x^4 + x^3 - 57x^2 - 28x + 20] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 + 5x^3 + 2x^2 + 3, c = 1] \\ .2 = [p(x) = x^4 + x^3 + 3x^2 - 2, c = -2] \\ .3 = \left[p(x) = 4x^4 + 10x^3 - 8x^2 - 26x - 16, c = \frac{-5}{2} \right] \\ .4 = \left[p(x) = 6x^4 + x^3 - x^2 + 2, c = \frac{1}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 1, a(x) = x^4 + 3x^3 + mx + 1] \\ .2 = [b(x) = x + 3, a(x) = x^4 + mx^2 + 4x^3 - 18] \\ .3 = [b(x) = 3x + 1, a(x) = -9x + 4 + 3x^2 + 12x^4 + mx^3, r = 7] \\ .4 = [b(x) = x - m, a(x) = x^2 - 2x - 22, r = -7] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 3x^2 - x + 3] \\ .2 = [p(x) = x^4 - 41x^2 + 400] \\ .3 = [p(x) = x^3 - 64] \\ .4 = [p(x) = x^4 - 1] \\ .5 = [p(x) = x^4 - 7x^3 + 8x^2 + 13x - 3] \\ .6 = [p(x) = x^4 - 2x^3 - 7x^2 + 8x + 12] \\ .7 = [p(x) = 20x^3 - 7x^2 - 28x + 15] \\ .8 = [p(x) = 10x^4 + 7x^3 - 37x^2 - 10x + 24] \end{array} \right]
\end{aligned}$$

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$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 + 4x^3 + x^2 + 4, c = 1] \\ .2 = [p(x) = x^4 + 2x^3 + 3x - 2, c = -3] \\ .3 = \left[p(x) = 4x^2 - 6x + 8x^4 - 20x^3 - 16, c = \frac{5}{2} \right] \\ .4 = \left[p(x) = 3x^4 + 2x^3 - 3x, c = \frac{-2}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 2, a(x) = x^4 + mx - 4x^2 + 2] \\ .2 = [b(x) = x + 3, a(x) = x^4 + mx^2 + 4x^3 - x + 24] \\ .3 = [b(x) = 3x + 2, a(x) = 6x^2 + 4x + 6x^4 + 4x^3 + m, r = -2] \\ .4 = [b(x) = x - m, a(x) = x^2 - 5x - 9, r = -3] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 + 5x^2 - 4x - 20] \\ .2 = [p(x) = x^4 - 17x^2 + 16] \\ .3 = [p(x) = x^3 + 1] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 + 2x^3 - 23x^2 + 12x + 36] \\ .6 = [p(x) = x^4 + x^3 - 2x^2 + 2x + 4] \\ .7 = [p(x) = 6x^3 - 5x^2 - 19x + 10] \\ .8 = [p(x) = 20x^4 + 31x^3 - 77x^2 + 29x - 3] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 2x^2 + 4x - 1, c = 2] \\ .2 = [p(x) = x^4 - 3x^3 + 5x^2 + 1, c = -1] \\ .3 = \left[p(x) = 2x^2 - x - 10, c = \frac{-5}{2} \right] \\ .4 = \left[p(x) = 15x^4 - 5x^3 - 12x + 7, c = \frac{1}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 1, a(x) = x^4 + mx^2 + x + 1] \\ .2 = [b(x) = x + 2, a(x) = x^4 + 5x^3 + 3x^2 + m] \\ .3 = [b(x) = x - m, a(x) = x^2 - 6x - 14, r = -7] \\ .4 = [b(x) = 3x + 1, a(x) = 15x^4 + 5x^3 + 6 + mx, r = 6] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 + x^2 - 9x - 9] \\ .2 = [p(x) = x^4 - 13x^2 + 36] \\ .3 = [p(x) = x^3 + 125] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 - 3x^3 - 15x^2 + 19x + 30] \\ .6 = [p(x) = x^4 + 6x^3 + 12x^2 + 11x + 6] \\ .7 = [p(x) = 6x^3 - 5x^2 - 16x + 15] \\ .8 = [p(x) = 20x^4 - 119x^3 + 218x^2 - 129x + 18] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 3x^2 - 4x - 4, c = 1] \\ .2 = [p(x) = x^4 + 3x^3 + 5x - 1, c = -2] \\ .3 = \left[p(x) = 2x^4 - 3x^3 - 2x + 10, c = \frac{3}{2} \right] \\ .4 = \left[p(x) = -3x - 8 + x^3 - 6x^2 + 15x^4, c = -\frac{2}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 3, a(x) = x^4 - 4x^3 + mx + 12] \\ .2 = [b(x) = x + 1, a(x) = x^4 - 3x^3 - 3x^2 + m] \\ .3 = [b(x) = x - m, a(x) = x^2 - x - 11, r = -5] \\ .4 = [b(x) = 2x + 1, a(x) = 10x^4 + 5x^3 + 3x + 1 + mx^2, r = 1] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 3x^2 - x + 3] \\ .2 = [p(x) = x^4 - 29x^2 + 100] \\ .3 = [p(x) = x^3 - 125] \\ .4 = [p(x) = x^4 - 1] \\ .5 = [p(x) = x^4 + 3x^3 - 9x^2 - 25x - 6] \\ .6 = [p(x) = x^4 - 5x^3 - 10x^2 + 20x + 24] \\ .7 = [p(x) = 15x^3 - 37x^2 + 30x - 8] \\ .8 = [p(x) = 20x^4 - 99x^3 + 114x^2 + 11x - 6] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 + x^2 + x - 2, c = 2] \\ .2 = [p(x) = x^4 + 3x^3 + x - 1, c = -3] \\ .3 = \left[p(x) = -26x^2 + 15x + 8x^3 + 6, c = \frac{5}{2} \right] \\ .4 = \left[p(x) = 8x^3 - 20x^2 + 12x^4 - 3, c = \frac{-5}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x - 1, a(x) = mx^3 + x^4 - x - 3] \\ .2 = [b(x) = x + 3, a(x) = x^4 + 3x^3 - x^2 + m] \\ .3 = [b(x) = x - m, a(x) = -5 - 2x + x^2, r = -2] \\ .4 = [b(x) = 3x + 5, a(x) = 15x^4 + 34x^3 + 15x^2 + 16 + mx, r = 1] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - 4x^2 - 25x + 100] \\ .2 = [p(x) = x^4 - 34x^2 + 225] \\ .3 = [p(x) = x^3 + 1] \\ .4 = [p(x) = x^4 - 1] \\ .5 = [p(x) = x^4 + 2x^3 - 21x^2 - 22x + 40] \\ .6 = [p(x) = x^4 - 5x^3 + 4x^2 + 6x - 4] \\ .7 = [p(x) = 15x^3 - 31x^2 + x + 15] \\ .8 = [p(x) = 16x^4 - 32x^3 - 13x^2 + 23x + 6] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 3x^3 - 4x - 4, c = 3] \\ .2 = [p(x) = x^4 + 2x^3 + 2x + 2, c = -2] \\ .3 = \left[p(x) = 10x^4 + 5x^3 + 3, c = \frac{-1}{2} \right] \\ .4 = \left[p(x) = -6x + 1 - 19x^3 + 6x^2 + 15x^4, c = \frac{2}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x + 3, a(x) = x^4 + 3x^3 + mx - x^2 + 9] \\ .2 = [b(x) = x - 2, a(x) = x^4 + mx^2 + x^3 - 12] \\ .3 = [b(x) = 3x + 5, a(x) = 3x^3 + 5x^2 - 3x + m, r = -4] \\ .4 = [b(x) = x - m, a(x) = x^2 - 7x + 11, r = -1] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 + x^2 - 16x - 16] \\ .2 = [p(x) = x^4 - 20x^2 + 64] \\ .3 = [p(x) = x^3 + 1] \\ .4 = [p(x) = x^4 - 16] \\ .5 = [p(x) = x^4 + 11x^3 + 41x^2 + 61x + 30] \\ .6 = [p(x) = x^4 - x^3 - 6x^2 + 14x - 12] \\ .7 = [p(x) = 4x^3 - 12x^2 - x + 15] \\ .8 = [p(x) = 16x^4 + 8x^3 - 19x^2 - 8x + 3] \end{array} \right]
\end{aligned}$$

[illegible]

$$\begin{aligned}
No01 &= \left[\begin{array}{l} .1 = [p(x) = x^4 - 2x^3 - 4x^2 + 1, c = 3] \\ .2 = [p(x) = x^4 - 2x^3 + 5x - 4, c = -1] \\ .3 = \left[p(x) = 6x^2 + 11x - 9, c = \frac{-5}{2} \right] \\ .4 = \left[p(x) = 12x - 12 - 12x^3 + 4x^2 + 9x^4, c = \frac{2}{3} \right] \end{array} \right] \\
No02 &= \left[\begin{array}{l} .1 = [b(x) = x + 1, a(x) = x^4 + 4x^3 + mx - 4x^2 + 7] \\ .2 = [b(x) = x - 3, a(x) = mx^3 + x^4 - 5x + 15] \\ .3 = [b(x) = x - m, a(x) = x^2 + x - 6, r = 6] \\ .4 = [b(x) = 3x - 2, a(x) = 6x^4 - 4x^3 + 2 + mx^2, r = 2] \end{array} \right] \\
No03 &= \left[\begin{array}{l} .1 = [p(x) = x^3 - x^2 - 16x + 16] \\ .2 = [p(x) = x^4 - 13x^2 + 36] \\ .3 = [p(x) = x^3 - 1] \\ .4 = [p(x) = x^4 - 625] \\ .5 = [p(x) = x^4 - 5x^3 - 13x^2 + 53x + 60] \\ .6 = [p(x) = x^4 - 4x^3 + 7x^2 - 8x + 4] \\ .7 = [p(x) = 15x^3 - 46x^2 + x + 6] \\ .8 = [p(x) = 15x^4 + 41x^3 - 25x^2 - 33x + 18] \end{array} \right]
\end{aligned}$$

[illegible]

$$NoOI = \left[\begin{array}{l} .1 = [p(x) = x^4 + 2x^3 + x^2 - 4, c = 1] \\ .2 = [p(x) = x^4 + x^3 + 2x + 4, c = -2] \\ .3 = \left[p(x) = -10x + 6 + 12x^4 + 16x^3 - 12x^2, c = \frac{-4}{3} \right] \\ .4 = \left[p(x) = 4x^3 + 6x^2 - 4x - 7, c = \frac{1}{2} \right] \end{array} \right]$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x + 1, a(x) = x^4 + 5x^2 + m - x] \\ .2 = [b(x) = x - 3, a(x) = x^4 - x^3 + mx - 4x^2 - 18] \\ .3 = [b(x) = x - m, a(x) = x^2 - 7x + 16, r = 6] \\ .4 = [b(x) = 2x + 5, a(x) = 12x^3 + 8x^4 - 2x - 12 + mx^2, r = -7] \end{array} \right]$$

$$\text{No03} = \left[\begin{array}{l} .1 = [p(x) = x^3 - x^2 - 16x + 16] \\ .2 = [p(x) = x^4 - 17x^2 + 16] \\ .3 = [p(x) = x^3 - 27] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 - 5x^3 - 16x^2 + 68x - 48] \\ .6 = [p(x) = x^4 - 4x^3 - 10x^2 + 31x - 6] \\ .7 = [p(x) = 15x^3 + 46x^2 + 17x - 30] \\ .8 = [p(x) = 16x^4 + 88x^3 + 149x^2 + 92x + 15] \end{array} \right]$$

[illegible]

$$No0I = \begin{bmatrix} .1 = [p(x) = x^4 - 4x^3 + 5x - 3, c = 3] \\ .2 = [p(x) = x^4 - 3x^3 + x^2 - 4, c = -1] \\ .3 = \left[p(x) = 12x + 23 + 3x^4 + 4x^3, c = \frac{-4}{3} \right] \\ .4 = \left[p(x) = 4x^3 - 2x^2 - 6x + 7, c = \frac{3}{2} \right] \end{bmatrix}$$

$$No02 = \begin{bmatrix} .1 = [b(x) = x + 3, a(x) = x^4 + 4x^3 + 2x^2 + m] \\ .2 = [b(x) = x - 2, a(x) = x^4 + mx^2 + 4x - 4] \\ .3 = [b(x) = x - m, a(x) = x^2 - 7x + 17, r = 7] \\ .4 = [b(x) = 3x + 2, a(x) = 12x + 1 + 9x^4 + mx^3, r = -7] \end{bmatrix}$$

$$\text{No03} = \left[\begin{array}{l} .1 = [p(x) = x^3 + 4x^2 - 9x - 36] \\ .2 = [p(x) = x^4 - 29x^2 + 100] \\ .3 = [p(x) = x^3 + 125] \\ .4 = [p(x) = x^4 - 1] \\ .5 = [p(x) = x^4 + 6x^3 + x^2 - 28x - 12] \\ .6 = [p(x) = x^4 + 5x^3 + x^2 - 21x - 18] \\ .7 = [p(x) = 20x^3 - 81x^2 + 67x - 12] \\ .8 = [p(x) = 10x^4 + 23x^3 - 70x^2 - 137x + 30] \end{array} \right]$$

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$$No01 = \left[\begin{array}{l} .1 = [p(x) = x^4 + 3x^3 - 4x + 5, c = 1] \\ .2 = [p(x) = x^4 + 4x^3 + 2x^2 + 3, c = -3] \\ .3 = \left[p(x) = -3x + 21 - 4x^2 + 3x^3, c = \frac{-5}{3} \right] \\ .4 = \left[p(x) = -14x - 3 + 8x^2 + 6x^4 - 9x^3, c = \frac{3}{2} \right] \end{array} \right]$$

$$No02 = \left[\begin{array}{l} .1 = [b(x) = x + 1, a(x) = x^4 + mx^2 + 5x + 1] \\ .2 = [b(x) = x - 3, a(x) = mx^3 + x^4 + 5x + 12] \\ .3 = [b(x) = 2x + 5, a(x) = -8x + 4x^3 + 10x^2 + m, r = -1] \\ .4 = [b(x) = x - m, a(x) = x^2 + x + 1, r = 7] \end{array} \right]$$

$$No03 = \left[\begin{array}{l} .1 = [p(x) = x^3 - 2x^2 - 25x + 50] \\ .2 = [p(x) = x^4 - 34x^2 + 225] \\ .3 = [p(x) = x^3 + 64] \\ .4 = [p(x) = x^4 - 256] \\ .5 = [p(x) = x^4 - 12x^3 + 49x^2 - 78x + 40] \\ .6 = [p(x) = x^4 - 6x^2 + 3x + 2] \\ .7 = [p(x) = 20x^3 + 13x^2 - 23x - 10] \\ .8 = [p(x) = 8x^4 - 30x^3 + 21x^2 + 29x - 30] \end{array} \right]$$

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