



Division Of Polynomials

Name: _____

Date: _____ Score: _____

$$\frac{81x^3 + 27x^2 + 56x + 12}{9x + 2}$$

$$\frac{4x^3 - 16x^2 - 10x}{2x}$$

$$\frac{72x^3 + 127x^2 + 8x - 42}{8x + 7}$$

$$\frac{20x^3 - 25x^2 + 30x}{5x}$$

$$\frac{25x^3 + 10x^2 + x + 30}{5x + 6}$$

$$\frac{36x^2 - 34x + 8}{4x - 2}$$

$$\frac{18x^3 - 63x^2 - 99x + 81}{2x - 9}$$

$$\frac{18x^2 - 51x + 35}{3x - 5}$$

$$\frac{8x^2 - 22x + 15}{4x - 5}$$

$$\frac{6x^3 + 38x^2 - 36x - 16}{6x + 2}$$



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$$\begin{array}{r} 81x^3 + 27x^2 + 56x + 12 \\ \hline 9x + 2 \\ 9x^2 + x + 6 \end{array}$$

$$\begin{array}{r} 4x^3 - 16x^2 - 10x \\ \hline 2x \\ 2x^2 - 8x - 5 \end{array}$$

$$\begin{array}{r} 72x^3 + 127x^2 + 8x - 42 \\ \hline 8x + 7 \\ 9x^2 + 8x - 6 \end{array}$$

$$\begin{array}{r} 20x^3 - 25x^2 + 30x \\ \hline 5x \\ 4x^2 - 5x + 6 \end{array}$$

$$\begin{array}{r} 25x^3 + 10x^2 + x + 30 \\ \hline 5x + 6 \\ 5x^2 - 4x + 5 \end{array}$$

$$\begin{array}{r} 36x^2 - 34x + 8 \\ \hline 4x - 2 \\ 9x - 4 \end{array}$$

$$\begin{array}{r} 18x^3 - 63x^2 - 99x + 81 \\ \hline 2x - 9 \\ 9x^2 + 9x - 9 \end{array}$$

$$\begin{array}{r} 18x^2 - 51x + 35 \\ \hline 3x - 5 \\ 6x - 7 \end{array}$$

$$\begin{array}{r} 8x^2 - 22x + 15 \\ \hline 4x - 5 \\ 2x - 3 \end{array}$$

$$\begin{array}{r} 6x^3 + 38x^2 - 36x - 16 \\ \hline 6x + 2 \\ x^2 + 6x - 8 \end{array}$$