



Division Of Polynomials

Name: _____

Date: _____ Score: _____

$$\frac{8x^3 - 63x^2 - 80x - 9}{x - 9}$$

$$\frac{72x^3 + 110x^2 + 18x - 18}{8x + 6}$$

$$\frac{30x^3 + 12x^2 + 36x}{6x}$$

$$\frac{30x^3 - 40x^2 + 35x}{5x}$$

$$\frac{18x^3 - 3x^2 - 19x - 12}{3x - 4}$$

$$\frac{18x^3 - 30x^2 - 42x - 10}{6x + 2}$$

$$\frac{7x^3 - 4x^2 + 2x - 5}{x - 1}$$

$$\frac{4x^3 + 10x^2 - 32x + 12}{2x - 3}$$

$$\frac{12x^2 - 5x - 28}{3x + 4}$$

$$\frac{8x^3 - 72x^2 - 72x}{8x}$$



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$$\begin{array}{r} 8x^3 - 63x^2 - 80x - 9 \\ \hline x - 9 \\ 8x^2 + 9x + 1 \end{array}$$

$$\begin{array}{r} 72x^3 + 110x^2 + 18x - 18 \\ \hline 8x + 6 \\ 9x^2 + 7x - 3 \end{array}$$

$$\begin{array}{r} 30x^3 + 12x^2 + 36x \\ \hline 6x \\ 5x^2 + 2x + 6 \end{array}$$

$$\begin{array}{r} 30x^3 - 40x^2 + 35x \\ \hline 5x \\ 6x^2 - 8x + 7 \end{array}$$

$$\begin{array}{r} 18x^3 - 3x^2 - 19x - 12 \\ \hline 3x - 4 \\ 6x^2 + 7x + 3 \end{array}$$

$$\begin{array}{r} 18x^3 - 30x^2 - 42x - 10 \\ \hline 6x + 2 \\ 3x^2 - 6x - 5 \end{array}$$

$$\begin{array}{r} 7x^3 - 4x^2 + 2x - 5 \\ \hline x - 1 \\ 7x^2 + 3x + 5 \end{array}$$

$$\begin{array}{r} 4x^3 + 10x^2 - 32x + 12 \\ \hline 2x - 3 \\ 2x^2 + 8x - 4 \end{array}$$

$$\begin{array}{r} 12x^2 - 5x - 28 \\ \hline 3x + 4 \\ 4x - 7 \end{array}$$

$$\begin{array}{r} 8x^3 - 72x^2 - 72x \\ \hline 8x \\ x^2 - 9x - 9 \end{array}$$