



Division Of Polynomials

Name: _____

Date: _____ Score: _____

$$\frac{14x^3 - 35x^2 + 28x}{7x}$$

$$\frac{15x^3 - 17x^2 + 25x - 7}{3x - 1}$$

$$\frac{72x^2 - 97x + 18}{8x - 9}$$

$$\frac{81x^3 + 54x^2 - 18x}{9x}$$

$$\frac{30x^3 + 25x^2 - 45x - 40}{5x + 5}$$

$$\frac{2x^2 + 18x + 40}{x + 5}$$

$$\frac{9x^3 + 20x^2 + 15x - 28}{9x - 7}$$

$$\frac{18x^2 - 51x - 42}{2x - 7}$$

$$\frac{4x^3 + 8x^2 + 8x}{x}$$

$$\frac{4x^3 - 21x^2 - 26x + 48}{x - 6}$$



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$$\begin{array}{r} 14x^3 - 35x^2 + 28x \\ \hline 7x \\ 2x^2 - 5x + 4 \end{array}$$

$$\begin{array}{r} 15x^3 - 17x^2 + 25x - 7 \\ \hline 3x - 1 \\ 5x^2 - 4x + 7 \end{array}$$

$$\begin{array}{r} 72x^2 - 97x + 18 \\ \hline 8x - 9 \\ 9x - 2 \end{array}$$

$$\begin{array}{r} 81x^3 + 54x^2 - 18x \\ \hline 9x \\ 9x^2 + 6x - 2 \end{array}$$

$$\begin{array}{r} 30x^3 + 25x^2 - 45x - 40 \\ \hline 5x + 5 \\ 6x^2 - x - 8 \end{array}$$

$$\begin{array}{r} 2x^2 + 18x + 40 \\ \hline x + 5 \\ 2x + 8 \end{array}$$

$$\begin{array}{r} 9x^3 + 20x^2 + 15x - 28 \\ \hline 9x - 7 \\ x^2 + 3x + 4 \end{array}$$

$$\begin{array}{r} 18x^2 - 51x - 42 \\ \hline 2x - 7 \\ 9x + 6 \end{array}$$

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

$$\begin{array}{r} 4x^3 - 21x^2 - 26x + 48 \\ \hline x - 6 \\ 4x^2 + 3x - 8 \end{array}$$