



## Division Of Polynomials

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Score: \_\_\_\_\_

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

$$\frac{54x^3 - 78x^2 - 10x + 24}{6x - 8}$$

$$\frac{6x^3 + 4x^2 + 8x}{x}$$

$$\frac{8x^3 - 24x^2 + 22x - 6}{2x - 3}$$

$$\frac{4x^2 + 44x + 72}{x + 9}$$

$$\frac{x^3 - 15x + 18}{x - 3}$$

$$\frac{6x^3 + 19x^2 + 17x + 3}{2x + 3}$$

$$\frac{81x^3 - 90x - 9}{9x + 9}$$

$$\frac{72x^3 - 95x^2 + 64x - 16}{9x - 4}$$

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



Name: \_\_\_\_\_

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$$\begin{array}{r} 35x^3 - 7x^2 - 7x \\ \hline 7x \\ 5x^2 - x - 1 \end{array}$$

$$\begin{array}{r} 54x^3 - 78x^2 - 10x + 24 \\ \hline 6x - 8 \\ 9x^2 - x - 3 \end{array}$$

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

$$\begin{array}{r} 8x^3 - 24x^2 + 22x - 6 \\ \hline 2x - 3 \\ 4x^2 - 6x + 2 \end{array}$$

$$\begin{array}{r} 4x^2 + 44x + 72 \\ \hline x + 9 \\ 4x + 8 \end{array}$$

$$\begin{array}{r} x^3 - 15x + 18 \\ \hline x - 3 \\ x^2 + 3x - 6 \end{array}$$

$$\begin{array}{r} 6x^3 + 19x^2 + 17x + 3 \\ \hline 2x + 3 \\ 3x^2 + 5x + 1 \end{array}$$

$$\begin{array}{r} 81x^3 - 90x - 9 \\ \hline 9x + 9 \\ 9x^2 - 9x - 1 \end{array}$$

$$\begin{array}{r} 72x^3 - 95x^2 + 64x - 16 \\ \hline 9x - 4 \\ 8x^2 - 7x + 4 \end{array}$$

$$\begin{array}{r} 18x^3 - 6x^2 + 8x \\ \hline 2x \\ 9x^2 - 3x + 4 \end{array}$$