

Division Of Polynomials

Name: _____

Date: _____ Score: _____

$$\frac{6x^3 + 25x^2 + 51x + 72}{3x + 8}$$

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

$$\frac{63x^3 + 81x^2 + 72x}{9x}$$

$$\frac{9x^2 - 5x - 4}{x - 1}$$

$$\frac{18x^3 + 16x^2 - 2x}{2x}$$

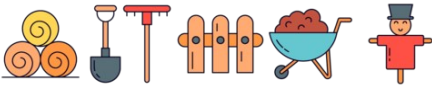
$$\frac{63x^2 + 137x + 72}{9x + 8}$$

$$\frac{42x^3 + 7x^2 + 7x}{7x}$$

$$\frac{2x^3 + 13x^2 + 29x + 21}{2x + 3}$$

$$\frac{15x^3 - 38x^2 - 6x + 36}{5x - 6}$$

$$\frac{81x^3 + 81x^2 + 41x + 6}{9x + 2}$$



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$$\begin{array}{r} 6x^3 + 25x^2 + 51x + 72 \\ \hline 3x + 8 \\ 2x^2 + 3x + 9 \end{array}$$

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

$$\begin{array}{r} 63x^3 + 81x^2 + 72x \\ \hline 9x \\ 7x^2 + 9x + 8 \end{array}$$

$$\begin{array}{r} 9x^2 - 5x - 4 \\ \hline x - 1 \\ 9x + 4 \end{array}$$

$$\begin{array}{r} 18x^3 + 16x^2 - 2x \\ \hline 2x \\ 9x^2 + 8x - 1 \end{array}$$

$$\begin{array}{r} 63x^2 + 137x + 72 \\ \hline 9x + 8 \\ 7x + 9 \end{array}$$

$$\begin{array}{r} 42x^3 + 7x^2 + 7x \\ \hline 7x \\ 6x^2 + x + 1 \end{array}$$

$$\begin{array}{r} 2x^3 + 13x^2 + 29x + 21 \\ \hline 2x + 3 \\ x^2 + 5x + 7 \end{array}$$

$$\begin{array}{r} 15x^3 - 38x^2 - 6x + 36 \\ \hline 5x - 6 \\ 3x^2 - 4x - 6 \end{array}$$

$$\begin{array}{r} 81x^3 + 81x^2 + 41x + 6 \\ \hline 9x + 2 \\ 9x^2 + 7x + 3 \end{array}$$