



Division Of Polynomials

Name: _____

Date: _____ Score: _____

$$\frac{45x^3 + 28x^2 - 19x + 42}{5x + 7}$$

$$\frac{56x^3 - 42x^2 + 56x}{7x}$$

$$\frac{36x^2 + 17x + 2}{4x + 1}$$

$$\frac{12x^3 - 10x^2 - 46x + 36}{2x - 4}$$

$$\frac{54x^3 - 39x^2 + 46x - 48}{9x - 8}$$

$$\frac{4x^2 - 10x - 24}{4x + 6}$$

$$\frac{35x^3 - 3x^2 - 16}{5x - 4}$$

$$\frac{63x^3 + 110x^2 + 84x + 32}{9x + 8}$$

$$\frac{24x^2 - 36x - 24}{3x - 6}$$

$$\frac{20x^3 + 51x^2 + 60x + 56}{4x + 7}$$



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$$\begin{array}{r} 45x^3 + 28x^2 - 19x + 42 \\ \underline{5x + 7} \\ 9x^2 - 7x + 6 \end{array}$$

$$\begin{array}{r} 56x^3 - 42x^2 + 56x \\ \underline{7x} \\ 8x^2 - 6x + 8 \end{array}$$

$$\begin{array}{r} 36x^2 + 17x + 2 \\ \underline{4x + 1} \\ 9x + 2 \end{array}$$

$$\begin{array}{r} 12x^3 - 10x^2 - 46x + 36 \\ \underline{2x - 4} \\ 6x^2 + 7x - 9 \end{array}$$

$$\begin{array}{r} 54x^3 - 39x^2 + 46x - 48 \\ \underline{9x - 8} \\ 6x^2 + x + 6 \end{array}$$

$$\begin{array}{r} 4x^2 - 10x - 24 \\ \underline{4x + 6} \\ x - 4 \end{array}$$

$$\begin{array}{r} 35x^3 - 3x^2 - 16 \\ \underline{5x - 4} \\ 7x^2 + 5x + 4 \end{array}$$

$$\begin{array}{r} 63x^3 + 110x^2 + 84x + 32 \\ \underline{9x + 8} \\ 7x^2 + 6x + 4 \end{array}$$

$$\begin{array}{r} 24x^2 - 36x - 24 \\ \underline{3x - 6} \\ 8x + 4 \end{array}$$

$$\begin{array}{r} 20x^3 + 51x^2 + 60x + 56 \\ \underline{4x + 7} \\ 5x^2 + 4x + 8 \end{array}$$