



Division Of Polynomials

Name: _____

Date: _____ Score: _____

$$\frac{4x^2 - 37x + 40}{x - 8}$$

$$\frac{5x^3 + 17x^2 + 12x + 18}{x + 3}$$

$$\frac{5x^3 - 3x^2 + 8x}{x}$$

$$\frac{8x^3 - 64x^2 + 24x}{8x}$$

$$\frac{54x^3 + 18x^2 + 54x}{6x}$$

$$\frac{54x^2 - 21x - 3}{6x - 3}$$

$$\frac{20x^3 - 16x^2 + 36}{4x + 4}$$

$$\frac{24x^3 - 48x^2 - 54x}{6x}$$

$$\frac{24x^3 + 18x^2 - 36x}{6x}$$

$$\frac{40x^2 + 60x + 20}{5x + 5}$$



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$$\begin{array}{r} 4x^2 - 37x + 40 \\ \underline{x - 8} \\ 4x - 5 \end{array}$$

$$\begin{array}{r} 5x^3 + 17x^2 + 12x + 18 \\ \underline{x + 3} \\ 5x^2 + 2x + 6 \end{array}$$

$$\begin{array}{r} 5x^3 - 3x^2 + 8x \\ \underline{x} \\ 5x^2 - 3x + 8 \end{array}$$

$$\begin{array}{r} 8x^3 - 64x^2 + 24x \\ \underline{8x} \\ x^2 - 8x + 3 \end{array}$$

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

$$\begin{array}{r} 54x^2 - 21x - 3 \\ \underline{6x - 3} \\ 9x + 1 \end{array}$$

$$\begin{array}{r} 20x^3 - 16x^2 + 36 \\ \underline{4x + 4} \\ 5x^2 - 9x + 9 \end{array}$$

$$\begin{array}{r} 24x^3 - 48x^2 - 54x \\ \underline{6x} \\ 4x^2 - 8x - 9 \end{array}$$

$$\begin{array}{r} 24x^3 + 18x^2 - 36x \\ \underline{6x} \\ 4x^2 + 3x - 6 \end{array}$$

$$\begin{array}{r} 40x^2 + 60x + 20 \\ \underline{5x + 5} \\ 8x + 4 \end{array}$$