



Division of Polynomials

Nimi: _____

Päivämäärä: _____ Pisteet: _____

$$\frac{40x^3 + 45x^2 - 35x}{5x}$$

$$\frac{25x^3 - 35x^2 + 36x - 6}{5x - 1}$$

$$\frac{2x^2 - 13x - 45}{x - 9}$$

$$\frac{21x^2 + 37x + 12}{3x + 4}$$

$$\frac{8x^3 + 42x^2 - 62x - 18}{8x + 2}$$

$$\frac{35x^3 + 43x^2 - 30x - 18}{7x + 3}$$

$$\frac{4x^2 - 17x + 18}{4x - 9}$$

$$\frac{6x^2 - 34x - 12}{x - 6}$$

$$\frac{81x^3 - 54x^2 - 72x}{9x}$$

$$\frac{64x^3 + 64x^2 + 48x}{8x}$$



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$$\begin{array}{r} 40x^3 + 45x^2 - 35x \\ \hline 5x \\ 8x^2 + 9x - 7 \end{array}$$

$$\begin{array}{r} 25x^3 - 35x^2 + 36x - 6 \\ \hline 5x - 1 \\ 5x^2 - 6x + 6 \end{array}$$

$$\begin{array}{r} 2x^2 - 13x - 45 \\ \hline x - 9 \\ 2x + 5 \end{array}$$

$$\begin{array}{r} 21x^2 + 37x + 12 \\ \hline 3x + 4 \\ 7x + 3 \end{array}$$

$$\begin{array}{r} 8x^3 + 42x^2 - 62x - 18 \\ \hline 8x + 2 \\ x^2 + 5x - 9 \end{array}$$

$$\begin{array}{r} 35x^3 + 43x^2 - 30x - 18 \\ \hline 7x + 3 \\ 5x^2 + 4x - 6 \end{array}$$

$$\begin{array}{r} 4x^2 - 17x + 18 \\ \hline 4x - 9 \\ x - 2 \end{array}$$

$$\begin{array}{r} 6x^2 - 34x - 12 \\ \hline x - 6 \\ 6x + 2 \end{array}$$

$$\begin{array}{r} 81x^3 - 54x^2 - 72x \\ \hline 9x \\ 9x^2 - 6x - 8 \end{array}$$

$$\begin{array}{r} 64x^3 + 64x^2 + 48x \\ \hline 8x \\ 8x^2 + 8x + 6 \end{array}$$