



Division of Polynomials

Nimi: _____

Päivämäärä: _____ Pisteet: _____

$$\frac{72x^3 + 27x^2 + 72x}{9x}$$

$$\frac{6x^3 - 12x^2 + 8x}{2x}$$

$$\frac{30x^3 - 10x^2 + 34x + 36}{6x + 4}$$

$$\frac{12x^3 + 18x^2 + 24x}{6x}$$

$$\frac{42x^3 + 6x^2 + 18x}{6x}$$

$$\frac{49x^3 + 70x^2 + 51x + 6}{7x + 1}$$

$$\frac{18x^3 + 3x^2 - 12x - 4}{3x + 2}$$

$$\frac{7x^2 - 44x - 35}{x - 7}$$

$$\frac{28x^2 - 14x - 14}{7x - 7}$$

$$\frac{4x^2 + 7x - 36}{4x - 9}$$



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$$\begin{array}{r} 72x^3 + 27x^2 + 72x \\ \hline 9x \\ 8x^2 + 3x + 8 \end{array}$$

$$\begin{array}{r} 6x^3 - 12x^2 + 8x \\ \hline 2x \\ 3x^2 - 6x + 4 \end{array}$$

$$\begin{array}{r} 30x^3 - 10x^2 + 34x + 36 \\ \hline 6x + 4 \\ 5x^2 - 5x + 9 \end{array}$$

$$\begin{array}{r} 12x^3 + 18x^2 + 24x \\ \hline 6x \\ 2x^2 + 3x + 4 \end{array}$$

$$\begin{array}{r} 42x^3 + 6x^2 + 18x \\ \hline 6x \\ 7x^2 + x + 3 \end{array}$$

$$\begin{array}{r} 49x^3 + 70x^2 + 51x + 6 \\ \hline 7x + 1 \\ 7x^2 + 9x + 6 \end{array}$$

$$\begin{array}{r} 18x^3 + 3x^2 - 12x - 4 \\ \hline 3x + 2 \\ 6x^2 - 3x - 2 \end{array}$$

$$\begin{array}{r} 7x^2 - 44x - 35 \\ \hline x - 7 \\ 7x + 5 \end{array}$$

$$\begin{array}{r} 28x^2 - 14x - 14 \\ \hline 7x - 7 \\ 4x + 2 \end{array}$$

$$\begin{array}{r} 4x^2 + 7x - 36 \\ \hline 4x - 9 \\ x + 4 \end{array}$$