



Nimi: _____

Päivämäärä: _____ Pisteet: _____

$$\frac{3x^2 + 9x - 54}{x + 6}$$

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

$$\frac{49x^3 - 7x^2 + 28x}{7x}$$

$$\frac{24x^3 + 8x^2 - 28x}{4x}$$

$$\frac{54x^3 - 78x - 24}{6x + 6}$$

$$\frac{7x^3 - 20x^2 - 28x - 16}{x - 4}$$

$$\frac{72x^3 + 29x^2 + 17x - 6}{9x - 2}$$

$$\frac{54x^3 + 12x^2 - 105x + 49}{9x - 7}$$

$$\frac{15x^3 - 3x^2 - 9x}{3x}$$

$$\frac{28x^3 + 49x^2 + 21x}{7x}$$



Division of Polynomials

Nimi: _____

Päivämäärä: _____ Pisteet: _____

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

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

$$\begin{array}{r} 49x^3 - 7x^2 + 28x \\ \hline 7x \\ \hline 7x^2 - x + 4 \end{array}$$

$$\begin{array}{r} 24x^3 + 8x^2 - 28x \\ \hline 4x \\ \hline 6x^2 + 2x - 7 \end{array}$$

$$\begin{array}{r} 54x^3 - 78x - 24 \\ \hline 6x + 6 \\ \hline 9x^2 - 9x - 4 \end{array}$$

$$\begin{array}{r} 7x^3 - 20x^2 - 28x - 16 \\ \hline x - 4 \\ \hline 7x^2 + 8x + 4 \end{array}$$

$$\begin{array}{r} 72x^3 + 29x^2 + 17x - 6 \\ \hline 9x - 2 \\ \hline 8x^2 + 5x + 3 \end{array}$$

$$\begin{array}{r} 54x^3 + 12x^2 - 105x + 49 \\ \hline 9x - 7 \\ \hline 6x^2 + 6x - 7 \end{array}$$

$$\begin{array}{r} 15x^3 - 3x^2 - 9x \\ \hline 3x \\ \hline 5x^2 - x - 3 \end{array}$$

$$\begin{array}{r} 28x^3 + 49x^2 + 21x \\ \hline 7x \\ \hline 4x^2 + 7x + 3 \end{array}$$