



## Division of Polynomials

Nimi: \_\_\_\_\_

Päivämäärä: \_\_\_\_\_ Pisteet: \_\_\_\_\_

$$\frac{18x^3 + 45x^2 - 42x - 45}{3x + 9}$$

$$\frac{7x^3 - 28x^2 + 56x}{7x}$$

$$\frac{3x^3 + 27x^2 - 3x}{3x}$$

$$\frac{9x^3 + 45x^2 + 81x}{9x}$$

$$\frac{40x^2 - 102x + 54}{5x - 9}$$

$$\frac{36x^3 - 78x^2 + 22x + 15}{6x - 5}$$

$$\frac{5x^3 - 30x^2 - 15x}{5x}$$

$$\frac{28x^3 - 18x^2 - 79x + 72}{7x - 8}$$

$$\frac{56x^3 + 42x^2 + 35x}{7x}$$

$$\frac{32x^3 - 40x^2 + 8x}{8x}$$



Nimi: \_\_\_\_\_

Päivämäärä: \_\_\_\_\_ Pisteet: \_\_\_\_\_

$$\begin{array}{r} 18x^3 + 45x^2 - 42x - 45 \\ \hline 3x + 9 \\ 6x^2 - 3x - 5 \end{array}$$

$$\begin{array}{r} 7x^3 - 28x^2 + 56x \\ \hline 7x \\ x^2 - 4x + 8 \end{array}$$

$$\begin{array}{r} 3x^3 + 27x^2 - 3x \\ \hline 3x \\ x^2 + 9x - 1 \end{array}$$

$$\begin{array}{r} 9x^3 + 45x^2 + 81x \\ \hline 9x \\ x^2 + 5x + 9 \end{array}$$

$$\begin{array}{r} 40x^2 - 102x + 54 \\ \hline 5x - 9 \\ 8x - 6 \end{array}$$

$$\begin{array}{r} 36x^3 - 78x^2 + 22x + 15 \\ \hline 6x - 5 \\ 6x^2 - 8x - 3 \end{array}$$

$$\begin{array}{r} 5x^3 - 30x^2 - 15x \\ \hline 5x \\ x^2 - 6x - 3 \end{array}$$

$$\begin{array}{r} 28x^3 - 18x^2 - 79x + 72 \\ \hline 7x - 8 \\ 4x^2 + 2x - 9 \end{array}$$

$$\begin{array}{r} 56x^3 + 42x^2 + 35x \\ \hline 7x \\ 8x^2 + 6x + 5 \end{array}$$

$$\begin{array}{r} 32x^3 - 40x^2 + 8x \\ \hline 8x \\ 4x^2 - 5x + 1 \end{array}$$