



## Division von Polynomen

Name: \_\_\_\_\_

Datum: \_\_\_\_\_ Ergebnis: \_\_\_\_\_

$$\frac{24x^3 - 30x^2 - 6x}{6x}$$

$$\frac{21x^2 - 11x - 6}{3x + 1}$$

$$\frac{28x^2 + 42x + 14}{4x + 2}$$

$$\frac{6x^3 + 12x^2 - 14x}{2x}$$

$$\frac{28x^3 + 5x^2 + 25x + 12}{7x + 3}$$

$$\frac{63x^2 - 61x + 6}{9x - 1}$$

$$\frac{28x^3 + 63x^2 - 42x}{7x}$$

$$\frac{36x^3 + 31x^2 - 68x - 21}{4x + 7}$$

$$\frac{21x^3 - 70x^2 + 84x - 35}{7x - 7}$$

$$\frac{15x^3 - 15x^2 + 12x}{3x}$$



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$$\begin{array}{r} 24x^3 - 30x^2 - 6x \\ \hline 6x \\ 4x^2 - 5x - 1 \end{array} \quad \begin{array}{r} 21x^2 - 11x - 6 \\ \hline 3x + 1 \\ 7x - 6 \end{array}$$

$$\begin{array}{r} 28x^2 + 42x + 14 \\ \hline 4x + 2 \\ 7x + 7 \end{array} \quad \begin{array}{r} 6x^3 + 12x^2 - 14x \\ \hline 2x \\ 3x^2 + 6x - 7 \end{array}$$

$$\begin{array}{r} 28x^3 + 5x^2 + 25x + 12 \\ \hline 7x + 3 \\ 4x^2 - x + 4 \end{array} \quad \begin{array}{r} 63x^2 - 61x + 6 \\ \hline 9x - 1 \\ 7x - 6 \end{array}$$

$$\begin{array}{r} 28x^3 + 63x^2 - 42x \\ \hline 7x \\ 4x^2 + 9x - 6 \end{array} \quad \begin{array}{r} 36x^3 + 31x^2 - 68x - 21 \\ \hline 4x + 7 \\ 9x^2 - 8x - 3 \end{array}$$

$$\begin{array}{r} 21x^3 - 70x^2 + 84x - 35 \\ \hline 7x - 7 \\ 3x^2 - 7x + 5 \end{array} \quad \begin{array}{r} 15x^3 - 15x^2 + 12x \\ \hline 3x \\ 5x^2 - 5x + 4 \end{array}$$