



Division von Polynomen

Name: _____

Datum: _____ Ergebnis: _____

$$\frac{48x^3 - 84x^2 - 18x + 54}{6x - 6}$$

$$\frac{56x^3 + 31x^2 - 76x - 45}{8x + 9}$$

$$\frac{6x^3 + 6x^2 - 30x + 18}{2x - 2}$$

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

$$\frac{6x^3 + 30x^2 + 48x}{6x}$$

$$\frac{20x^3 + 5x^2 - 30x}{5x}$$

$$\frac{40x^2 - 31x - 35}{5x - 7}$$

$$\frac{54x^3 + 21x^2 - 12x - 6}{6x - 3}$$

$$\frac{24x^3 + 80x^2 + 80x + 56}{3x + 7}$$

$$\frac{27x^3 + 27x^2 + 24x}{3x}$$



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$$\begin{array}{r} 48x^3 - 84x^2 - 18x + 54 \\ \hline 6x - 6 \\ \hline 8x^2 - 6x - 9 \end{array}$$

$$\begin{array}{r} 56x^3 + 31x^2 - 76x - 45 \\ \hline 8x + 9 \\ \hline 7x^2 - 4x - 5 \end{array}$$

$$\begin{array}{r} 6x^3 + 6x^2 - 30x + 18 \\ \hline 2x - 2 \\ \hline 3x^2 + 6x - 9 \end{array}$$

$$\begin{array}{r} 8x^3 - 2x^2 - 3x \\ \hline x \\ \hline 8x^2 - 2x - 3 \end{array}$$

$$\begin{array}{r} 6x^3 + 30x^2 + 48x \\ \hline 6x \\ \hline x^2 + 5x + 8 \end{array}$$

$$\begin{array}{r} 20x^3 + 5x^2 - 30x \\ \hline 5x \\ \hline 4x^2 + x - 6 \end{array}$$

$$\begin{array}{r} 40x^2 - 31x - 35 \\ \hline 5x - 7 \\ \hline 8x + 5 \end{array}$$

$$\begin{array}{r} 54x^3 + 21x^2 - 12x - 6 \\ \hline 6x - 3 \\ \hline 9x^2 + 8x + 2 \end{array}$$

$$\begin{array}{r} 24x^3 + 80x^2 + 80x + 56 \\ \hline 3x + 7 \\ \hline 8x^2 + 8x + 8 \end{array}$$

$$\begin{array}{r} 27x^3 + 27x^2 + 24x \\ \hline 3x \\ \hline 9x^2 + 9x + 8 \end{array}$$