bbs.eins.mainz
Berufsbildende Schule Technik

$$
\begin{array}{rl}
x^4 - 2x^3 - 3x^2 + 10x - 8 : x - 2 = x^3 - 3x + 4 \\
\underline{- x^4 + 2x^3} \\
\quad - 3x^2 + 10x \\
\quad \underline{3x^2 \quad - 6x} \\
\quad\quad 4x - 8 \\
\quad\quad \underline{- 4x + 8} \\
\quad\quad\quad 0
\end{array}
$$

$$
\begin{array}{rl}
4x^3 \ + 6x^2 - 12x - 5 : x + \frac{5}{2} = 4x^2 - 4x - 2 \\
\underline{- 4x^3 - 10x^2} \\
\quad - 4x^2 - 12x \\
\quad \underline{4x^2 + 10x} \\
\quad\quad - 2x - 5 \\
\quad\quad \underline{2x + 5} \\
\quad\quad\quad 0
\end{array}
$$

$$
\begin{array}{rl}
- 2x^3 - 4x^2 + 2x + 4 : x + 2 = \ - 2x^2 + 2 \\
\underline{2x^3 + 4x^2} \\
\quad 2x + 4 \\
\quad \underline{- 2x - 4} \\
\quad\quad 0
\end{array}
$$