

$$\begin{array}{r}
 x^3 - 4x^2 + 16x - 62 \\
 x + 4 \overline{) x^4 \phantom{+ 2x - 4}} \\
 \underline{-(x^4 + 4x^3)} \phantom{- 62} \\
 -4x^3 \phantom{+ 2x - 4} \\
 \underline{-(-4x^3 - 16x^2)} \phantom{- 62} \\
 16x^2 + 2x - 4 \\
 \underline{-(16x^2 + 64x)} \phantom{- 62} \\
 -62x - 4 \\
 \underline{-(-62x - 248)} \\
 244
 \end{array}$$