

$$\begin{array}{r}
 (x^3 - x^2 - 14x + 24) : (x + 4) = x^2 - 5x + 6 \\
 \underline{-(x^3 + 4x^2)} \\
 -5x^2 - 14x \\
 \underline{-(-5x^2 - 20x)} \\
 6x + 24 \\
 \underline{-(6x + 24)} \\
 0
 \end{array}$$

$$x^3 : x =$$

