

$$\begin{array}{r}
 x^3 + 3x^2 + 7x + 5 \overline{) \begin{array}{l} x^4 + 5x^3 + 16x^2 + 26x + 22 \\ x^4 + 3x^3 + 7x^2 + 5x \end{array} } \\
 \hline
 2x^3 + 9x^2 + 21x + 22
 \end{array}
 \longleftarrow x(x^3 + 3x^2 + 7x + 5)$$