

$$\begin{array}{r}
 x^3 + 3x^2 + 7x + 5 \quad \overline{) \quad x^4 + 5x^3 + 16x^2 + 26x + 22} \quad \leftarrow P(x) \\
 \underline{x^4 + 3x^3 + 7x^2 + 5x} \\
 2x^3 + 9x^2 + 21x + 22 \\
 \underline{2x^3 + 6x^2 + 14x + 10} \\
 3x^2 + 7x + 12 \quad \leftarrow R(x)
 \end{array}$$