

$$\begin{array}{r}
 x^3 + 5x^2 + 8x + 4 \quad \overline{) \begin{array}{l} x^4 + 9x^3 + 31x^2 + 49x + 27 \\ x^4 + 5x^3 + 8x^2 + 4x \\ \hline 4x^3 + 23x^2 + 45x + 27 \\ 4x^3 + 20x^2 + 32x + 16 \\ \hline 3x^2 + 13x + 11 \end{array}}
 \end{array}$$