

$$\begin{array}{r} x^2 + 2x \\ \hline x - 1) \quad x^3 + x^2 \quad \quad \quad - 1 \\ \underline{- x^3 + x^2} \\ \hline 2x^2 \\ \underline{- 2x^2 + 2x} \\ \hline \end{array}$$