

$$\begin{array}{r}
 x^2 + 3x + 2 \\
 \hline
 x - 1 \left| \begin{array}{r}
 x^3 + 2x^2 - x - 2 \\
 x^3 - x^2 \\
 \hline
 3x^2 - x - 2 \\
 3x^2 - 3x \\
 \hline
 2x - 2 \\
 2x - 2 \\
 \hline
 \end{array} \right.
 \end{array}$$