

$$\begin{array}{r}
 \left(\begin{array}{r} x^3 + 5x^2 \\ -x^3 - x^2 \end{array} - 1 \right) \div (x + 1) = x^2 + 4x - 4 + \frac{3}{x + 1} \\
 \hline
 4x^2 \\
 -4x^2 - 4x \\
 \hline
 -4x - 1 \\
 4x + 4 \\
 \hline
 3
 \end{array}$$