5.

Which of the following is the quotient of $3m^3 + m^2 - 2m - 2$ divided by $m + 1$

$$
\begin{array}{r}
+ (3m^2) \quad\quad + (-2m) \\
\hline
\boxed{m+1}\ \ (3)m^3 \quad + (1)m^2 \quad + (-2)m \quad + (-2) \\
(3m^3) \quad + (3m^2) \\
+ (-2)m^2 \quad + (-2)m \quad + (-2) \\
+ (-2m^2) \quad + (-2m) \\
+ (-2)
\end{array}
$$