3.

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

$$
\begin{array}{r}
+(\boxed{c^2}) \quad +(\boxed{-c}) \quad +(\boxed{1}) \\
\hline
\boxed{c+3} \quad (1)c^3 \quad +(2)c^2 \quad +(-2)c \quad +(3) \\
(\boxed{c^3}) \quad +(\boxed{3c^2}) \\
+(-1)c^2 \quad +(-2)c \quad +(3) \\
+(\boxed{-c^2}) \quad +(\boxed{-3c}) \\
+(1)c \quad +(3) \\
+(\boxed{c}) \quad +(\boxed{3}) \\
+(\boxed{0})
\end{array}
$$