2.

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

$$\begin{array}{r|llll}
 & & +(\boxed{3c^2}) & +(\boxed{12c}) & +(\boxed{34}) \\
\hline
\boxed{c-3} & (3)c^3 & +(3)c^2 & +(-2)c & +(2) \\
 & (\boxed{3c^3}) & +(\boxed{-9c^2}) & & \\
 & & +(12)c^2 & +(-2)c & +(2) \\
 & & +(\boxed{12c^2}) & +(\boxed{-36c}) & \\
 & & & +(34)c & +(2) \\
 & & & +(\boxed{34c}) & +(\boxed{-102}) \\
 & & & & +(\boxed{104})
\end{array}$$