2.

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

$$
\begin{array}{r|lll}
 & +(\boxed{t^2}) & +(\boxed{-5t}) & +(\boxed{16}) \\
\hline
\boxed{t+3} & (1)t^3 & +(-2)t^2 & +(1)t & +(-1) \\
 & (t^3) & +(3t^2) \\
 & & +(-5)t^2 & +(1)t & +(-1) \\
 & & +(-5t^2) & +(-15t) \\
 & & & +(16)t & +(-1) \\
 & & & +(16t) & +(48) \\
 & & & & +(\boxed{-49})
\end{array}
$$