

3.

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

$$\begin{array}{r}
 + (-3e^2) + (-9e) + (-24) \\
 \hline
 e-3 \quad (-3)e^3 + (3)e + (1) \\
 (-3e^3) + (9e^2) \\
 + (-9)e^2 + (3)e + (1) \\
 + (-9e^2) + (27e) \\
 + (-24)e + (1) \\
 + (-24e) + (72) \\
 + (-71)
 \end{array}$$