

3.

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

$$\begin{array}{r}
 + (-e^2) + (-6e) + (-21) \\
 \hline
 e-3 \quad (-1)e^3 + (-3)e^2 + (-3)e + (-2) \\
 + (-e^3) + (3e^2) \\
 + (-6)e^2 + (-3)e + (-2) \\
 + (-6e^2) + (18e) \\
 + (-21)e + (-2) \\
 + (-21e) + (63) \\
 + (-65)
 \end{array}$$