

1.

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

$$\begin{array}{r}
 \phantom{m-3} + (-3m^2) + (-12m) + (-37) \\
 \hline
 m-3 \quad (-3)m^3 + (-3)m^2 + (-1)m + (3) \\
 \phantom{m-3} (-3m^3) + (9m^2) \\
 \phantom{m-3} + (-12)m^2 + (-1)m + (3) \\
 \phantom{m-3} + (-12m^2) + (36m) \\
 \phantom{m-3} + (-37)m + (3) \\
 \phantom{m-3} + (-37m) + (111) \\
 \phantom{m-3} + (-108)
 \end{array}$$