

3.

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

$$\begin{array}{r}
 + (-m^2) + (-7) \\
 \hline
 m-2 \quad (-1)m^3 + (-2)m^2 + (1)m + (1) \\
 (-m^3) + (2m^2) \\
 + (-4)m^2 + (1)m + (1) \\
 + (-4m^2) + (8m) \\
 + (-7m) + (1) \\
 + (-7m) + (14) \\
 + (-13)
 \end{array}$$