

4.

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

$$\begin{array}{r}
 \phantom{y-3} + (-2y^2) + (-7y) + (-22) \\
 \hline
 y-3 \quad (-2)y^3 + (-1)y^2 + (-1)y + (3) \\
 \phantom{y-3} (-2y^3) + (6y^2) \\
 \phantom{y-3} + (-7)y^2 + (-1)y + (3) \\
 \phantom{y-3} + (-7y^2) + (21y) \\
 \phantom{y-3} + (-22)y + (3) \\
 \phantom{y-3} + (-22y) + (66) \\
 \phantom{y-3} + (-63)
 \end{array}$$