

4.

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

$$\begin{array}{r}
 \phantom{y+1} + (-2y^2) + (-y) + (3) \\
 \hline
 y+1 \quad (-2)y^3 + (-3)y^2 + (2)y + (-2) \\
 \phantom{y+1} (-2y^3) + (-2y^2) \\
 \phantom{y+1} + (-1)y^2 + (2)y + (-2) \\
 \phantom{y+1} + (-y^2) + (-y) \\
 \phantom{y+1} + (3)y + (-2) \\
 \phantom{y+1} + (3y) + (3) \\
 \phantom{y+1} + (-5)
 \end{array}$$