

4.

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

$$\begin{array}{r}
 + (2y^2) + (-9y) + (25) \\
 \hline
 y+3 \quad (2)y^3 + (-3)y^2 + (-3) \\
 (2y^3) + (6y^2) \\
 + (-9)y^2 + (-2)y + (-3) \\
 + (-9y^2) + (-27y) \\
 + (25)y + (-3) \\
 + (25y) + (75) \\
 + (-78)
 \end{array}$$