

4.

Which of the following is the remainder of $-2r^3 + 3r^2 - r - 3$ divided by $r + 1$

$$\begin{array}{r}
 + (-2r^2) + (5r) + (-6) \\
 \hline
 r+1 \quad (-2)r^3 + (3)r^2 + (-1)r + (-3) \\
 (-2r^3) + (-2r^2) \\
 + (5)r^2 + (-1)r + (-3) \\
 + (5r^2) + (5r) \\
 + (-6)r + (-3) \\
 + (-6r) + (-6) \\
 + (3)
 \end{array}$$