

4.

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

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