

1.

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

$$\begin{array}{r}
 + (2y^2) + (5y) + (12) \\
 \hline
 y-3 \quad (2)y^3 + (-1)y^2 + (-3)y + (3) \\
 (2y^3) + (-6y^2) \\
 + (5)y^2 + (-3)y + (3) \\
 + (5y^2) + (-15y) \\
 + (12)y + (3) \\
 + (12y) + (-36) \\
 + (39)
 \end{array}$$