

2.

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

$$\begin{array}{r}
 + (2d^2) + (5d) + (12) \\
 \hline
 d-3 \quad (2)d^3 + (-1)d^2 + (-3)d + (-2) \\
 (2d^3) + (-6d^2) \\
 + (5)d^2 + (-3)d + (-2) \\
 + (5d^2) + (-15d) \\
 + (12)d + (-2) \\
 + (12d) + (-36) \\
 + (34)
 \end{array}$$