

5.

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

$$\begin{array}{r}
 + (-2d^2) + (-3d) + (-7) \\
 \hline
 d-2 \quad (-2)d^3 + (1)d^2 + (-1)d + (1) \\
 + (-2d^3) + (4d^2) \\
 + (-3)d^2 + (-1)d + (1) \\
 + (-3d^2) + (6d) \\
 + (-7)d + (1) \\
 + (-7d) + (14) \\
 + (-13)
 \end{array}$$