

3.

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

$$\begin{array}{r}
 + (\boxed{-d^2}) + (\boxed{-3}) \\
 \hline
 \boxed{d-1} (-1)d^3 + (-2)d^2 + (3) \\
 + (\boxed{-d^3}) + (\boxed{d^2}) \\
 + (-3)d^2 + (3) \\
 + (\boxed{-3d^2}) + (\boxed{3d}) \\
 + (-3)d + (3) \\
 + (\boxed{-3d}) + (\boxed{3}) \\
 + (\boxed{0})
 \end{array}$$