

2.

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

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