

4.

Which of the following is the quotient of  $2z^3 - 3z^2 + 3z - 3$  divided by  $z + 1$

$$\begin{array}{r}
 \phantom{z + 1} + (2z^2) + (-5z) + (8) \\
 \hline
 (z + 1) (2)z^3 + (-3)z^2 + (3)z + (-3) \\
 \phantom{(z + 1)} (2z^3) + (2z^2) \\
 \phantom{(z + 1)} + (-5)z^2 + (3)z + (-3) \\
 \phantom{(z + 1)} + (-5z^2) + (-5z) \\
 \phantom{(z + 1)} + (8)z + (-3) \\
 \phantom{(z + 1)} + (8z) + (8) \\
 \phantom{(z + 1)} + (-11)
 \end{array}$$