

3.

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

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