

5.

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

$$\begin{array}{r}
 + (-3p^2) + (-8p) + (-21) \\
 \hline
 p-3 \quad (-3)p^3 + (1)p^2 + (3)p + (-3) \\
 + (-3p^3) + (9p^2) \\
 + (-8)p^2 + (3)p + (-3) \\
 + (-8p^2) + (24p) \\
 + (-21)p + (-3) \\
 + (-21p) + (63) \\
 + (-66)
 \end{array}$$