

5.

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

$$\begin{array}{r}
 + (-2c^2) + (-4c) + (-15) \\
 \hline
 c-3 \quad (-2)c^3 + (2)c^2 + (-3)c + (-2) \\
 (-2c^3) + (6c^2) \\
 + (-4)c^2 + (-3)c + (-2) \\
 + (-4c^2) + (12c) \\
 + (-15)c + (-2) \\
 + (-15c) + (45) \\
 + (-47)
 \end{array}$$