

5.

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

$$\begin{array}{r}
 + (\boxed{c^2}) + (\boxed{-c}) + (\boxed{-5}) \\
 \hline
 \boxed{c-2} (1)c^3 + (-3)c^2 + (-3)c + (-2) \\
 (\boxed{c^3}) + (\boxed{-2c^2}) \\
 + (-1)c^2 + (-3)c + (-2) \\
 + (\boxed{-c^2}) + (\boxed{2c}) \\
 + (-5)c + (-2) \\
 + (\boxed{-5c}) + (\boxed{10}) \\
 + (\boxed{-12})
 \end{array}$$