

4.

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

$$\begin{array}{r}
 + (\boxed{r^2}) + (\boxed{5r}) + (\boxed{12}) \\
 \hline
 \boxed{r-3} (1)r^3 + (2)r^2 + (-3)r + (-1) \\
 (\boxed{r^3}) + (\boxed{-3r^2}) \\
 + (\boxed{5r^2}) + (-1) \\
 + (\boxed{5r^2}) + (\boxed{-15r}) \\
 + (\boxed{12r}) + (-1) \\
 + (\boxed{12r}) + (\boxed{-36}) \\
 + (\boxed{35})
 \end{array}$$