

1.

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

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