

5.

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

$$\begin{array}{r}
 \phantom{p} + (-2p^2) + (-p) \\
 \hline
 p \quad (-2)p^3 + (-1)p^2 + (-3) \\
 \phantom{p} (-2p^3) \\
 \phantom{p} + (-1)p^2 + (-3) \\
 \phantom{p} + (-p^2) \\
 \phantom{p} + (-3)
 \end{array}$$