

1.

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

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