

1.

Which of the following is the quotient of  $k^3 - 2k - 1$  divided by  $k - 1$

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