# 4.

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

$$
\begin{array}{r|llll}
 & & +(\boxed{3k^2}) & +(\boxed{-3k}) & +(\boxed{-2}) \\
\hline
\boxed{k} & (3)k^3 & +(-3)k^2 & +(-2)k & +(-3) \\
 & (\boxed{3k^3}) & & & \\
 & & +(-3)k^2 & +(-2)k & +(-3) \\
 & & +(\boxed{-3k^2}) & & \\
 & & & +(-2)k & +(-3) \\
 & & & +(\boxed{-2k}) & \\
 & & & & +(\boxed{-3})
\end{array}
$$