1.

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

$$\begin{array}{r}
+(3n^2) \quad +(n) \quad +(-1) \\
\hline
n \enclose{longdiv}{(3)n^3 \quad +(1)n^2 \quad +(-1)n} \\
(3n^3) \\
+(1)n^2 \quad +(-1)n \\
+(n^2) \\
+(-1)n \\
+(-n) \\
+(0)
\end{array}$$