

1.

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

$$\begin{array}{r}
 \phantom{(-3)n^3} + (-3n^2) + (-9n) + (-19) \\
 \hline
 (n-2) \phantom{+ (-3)n^2} + (-3)n^3 + (-3)n^2 + (-1)n \\
 \phantom{+ (-3)n^2} + (-3n^3) + (6n^2) \\
 \phantom{+ (-3)n^2} + (-9n^2) + (-1)n \\
 \phantom{+ (-3)n^2} + (-9n^2) + (18n) \\
 \phantom{+ (-3)n^2} + (-19n) + (38) \\
 \phantom{+ (-3)n^2} + (-38)
 \end{array}$$