2.

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

$$
\begin{array}{r|llll}
 & +(n^2) & +(-3n) & +(5) & \\
\hline
n+2 & (1)n^3 & +(-1)n^2 & +(-1)n & +(-2) \\
 & (n^3) & +(2n^2) & & \\
 & +(-3)n^2 & +(-1)n & +(-2) & \\
 & +(-3n^2) & +(-6n) & & \\
 & & +(5)n & +(-2) & \\
 & & +(5n) & +(10) & \\
 & & & +(-12) & \\
\end{array}
$$