2.

Which of the following is the quotient of $n^3 - n$ divided by $n + 1$

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