4.

Which of the following is the remainder of $2n^3 - 2n + 1$ divided by $n + 3$

$$
\begin{array}{r}
+(\;2n^2\;) \quad +(\;-6n\;) \quad +(\;16\;) \\
\hline
n+3 \;\big)\; (2)n^3 \qquad\qquad +(-2)n \quad +(1) \\
(\;2n^3\;) \quad +(\;6n^2\;) \\
+(-6)n^2 \quad +(-2)n \quad +(1) \\
+(\;-6n^2\;) \quad +(\;-18n\;) \\
+(16)n \quad +(1) \\
+(\;16n\;) \quad +(\;48\;) \\
+(\;-47\;)
\end{array}
$$