1.

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

$$
\begin{array}{r}
+ (\boxed{2e^2}) \quad + (\boxed{-4e}) \quad + (\boxed{6}) \\
\hline
\boxed{e + 2} \quad (2)e^3 \qquad\qquad + (-2)e \quad + (-2) \\
(\boxed{2e^3}) \quad + (\boxed{4e^2}) \\
+ (-4)e^2 \quad + (-2)e \quad + (-2) \\
+ (\boxed{-4e^2}) \quad + (\boxed{-8e}) \\
+ (6)e \quad + (-2) \\
+ (\boxed{6e}) \quad + (\boxed{12}) \\
+ (\boxed{-14})
\end{array}
$$