1.

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

$$
\begin{array}{r}
+(\boxed{3u^2}) \quad +(\boxed{2u}) \quad +(\boxed{-1}) \\
\hline
\boxed{u} \quad (3)u^3 \quad +(2)u^2 \quad +(-1)u \quad +(-2) \\
(\boxed{3u^3}) \\
+(2)u^2 \quad +(-1)u \quad +(-2) \\
+(\boxed{2u^2}) \\
+(-1)u \quad +(-2) \\
+(\boxed{-u}) \\
+(\boxed{-2})
\end{array}
$$