

1.

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

$$\begin{array}{r}
 \\
 + (\boxed{m^2}) + (\boxed{m}) \\
 \hline
 \boxed{m+1} \\
 (1)m^3 + (2)m^2 + (1)m + (3) \\
 (\boxed{m^3}) + (\boxed{m^2}) \\
 \phantom{(\boxed{m^3})} + (1)m^2 + (1)m + (3) \\
 \phantom{(\boxed{m^3})} + (\boxed{m^2}) + (\boxed{m}) \\
 \phantom{(\boxed{m^3})} \phantom{+ (\boxed{m^2})} + (\boxed{3})
 \end{array}$$