

2.

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

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