

2.

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

$$\begin{array}{r}
 + (-f^2) + (-1) \\
 \hline
 f-2 \quad (-1)f^3 + (1) \\
 (-f^3) + (2f^2) \\
 + (-2)f^2 + (3f) + (1) \\
 + (-2f^2) + (4f) \\
 + (-1)f + (1) \\
 + (-f) + (2) \\
 + (-1)
 \end{array}$$