

2.

Which of the following is the quotient of  $2f^3 - f^2 - 2f$  divided by  $f - 2$

$$\begin{array}{r}
 \phantom{f-2} + (2f^2) + (3f) + (4) \\
 \hline
 f-2 \quad (2)f^3 + (-1)f^2 + (-2)f \\
 \phantom{f-2} (2f^3) + (-4f^2) \\
 \phantom{f-2} + (3)f^2 + (-2)f \\
 \phantom{f-2} + (3f^2) + (-6f) \\
 \phantom{f-2} + (4)f \\
 \phantom{f-2} + (4f) + (-8) \\
 \phantom{f-2} + (8)
 \end{array}$$