5.

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

$$
\begin{array}{r}
+(\boxed{-2f^2}) \quad +(\boxed{-2f}) \quad +(\boxed{-4}) \\
\hline
\boxed{f-2} \quad (-2)f^3 \quad +(2)f^2 \qquad\qquad +(-3) \\
(\boxed{-2f^3}) \quad +(\boxed{4f^2}) \\
+(-2)f^2 \qquad\qquad +(-3) \\
+(\boxed{-2f^2}) \quad +(\boxed{4f}) \\
+(-4)f \quad +(-3) \\
+(\boxed{-4f}) \quad +(\boxed{8}) \\
+(\boxed{-11})
\end{array}
$$