

4.

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

$$\begin{array}{r}
 \phantom{f-3} + (-2f^2) + (-3f) + (-12) \\
 \hline
 f-3 \quad (-2)f^3 + (3)f^2 + (-3)f + (1) \\
 \phantom{f-3} (-2f^3) + (6f^2) \\
 \phantom{f-3} + (-3)f^2 + (-3)f + (1) \\
 \phantom{f-3} + (-3f^2) + (9f) \\
 \phantom{f-3} + (-12)f + (1) \\
 \phantom{f-3} + (-12f) + (36) \\
 \phantom{f-3} + (-35)
 \end{array}$$