

3.

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

$$\begin{array}{r}
 + (2f^2) + (-9f) + (28) \\
 \hline
 f + 3 \quad (2)f^3 + (-3)f^2 + (1)f + (-3) \\
 (2f^3) + (6f^2) \\
 + (-9)f^2 + (1)f + (-3) \\
 + (-9f^2) + (-27f) \\
 + (28)f + (-3) \\
 + (28f) + (84) \\
 + (-87)
 \end{array}$$