

3.

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

$$\begin{array}{r}
 \phantom{f+3} + (-3f^2) + (7f) + (-22) \\
 \hline
 f+3 \quad (-3)f^3 + (-2)f^2 + (-1)f + (-2) \\
 \phantom{f+3} (-3f^3) + (-9f^2) \\
 \phantom{f+3} + (7)f^2 + (-1)f + (-2) \\
 \phantom{f+3} + (7f^2) + (21f) \\
 \phantom{f+3} + (-22)f + (-2) \\
 \phantom{f+3} + (-22f) + (-66) \\
 \phantom{f+3} + (64)
 \end{array}$$