

1.

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

$$\begin{array}{r}
 + (-3v^2) + (7v) + (-15) \\
 \hline
 v+2 \quad (-3)v^3 + (1)v^2 + (-1)v \\
 (-3v^3) + (-6v^2) \\
 + (7)v^2 + (-1)v \\
 + (7v^2) + (14v) \\
 + (-15)v \\
 + (-15v) + (-30) \\
 + (30)
 \end{array}$$