

4.

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

$$\begin{array}{r}
 \phantom{d-2} + (3d^2) \phantom{+ (-1)d} + (6d) \phantom{+ (3)} + (11) \\
 \hline
 d-2 \quad (3)d^3 \phantom{+ (-1)d} + (-1)d \phantom{+ (3)} + (3) \\
 \phantom{d-2} (3d^3) + (-6d^2) \\
 \phantom{d-2} + (6)d^2 \phantom{+ (-1)d} + (-1)d \phantom{+ (3)} + (3) \\
 \phantom{d-2} + (6d^2) + (-12d) \\
 \phantom{d-2} \phantom{+ (6d^2)} + (11)d \phantom{+ (3)} + (3) \\
 \phantom{d-2} \phantom{+ (6d^2)} + (11d) + (-22) \\
 \phantom{d-2} \phantom{+ (6d^2)} \phantom{+ (11d)} + (25)
 \end{array}$$