

5.

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

$$\begin{array}{r}
 + (3g^2) + (-7g) + (13) \\
 \hline
 (g+2) (3g^3) + (-1)g^2 + (-1)g + (1) \\
 (3g^3) + (6g^2) \\
 + (-7)g^2 + (-1)g + (1) \\
 + (-7g^2) + (-14g) \\
 + (13)g + (1) \\
 + (13g) + (26) \\
 + (-25)
 \end{array}$$