

5.

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

$$\begin{array}{r}
 + (-e^2) + (e) \\
 \hline
 e+2 \quad (-1)e^3 + (-1)e^2 + (2)e + (-3) \\
 (-e^3) + (-2e^2) \\
 + (1)e^2 + (2)e + (-3) \\
 + (e^2) + (2e) \\
 + (-3)
 \end{array}$$