

2.

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

$$\begin{array}{r}
 + (\boxed{-q^2}) + (\boxed{-2q}) + (\boxed{-7}) \\
 \hline
 \boxed{q-2} (-1)q^3 + (-3)q + (-2) \\
 + (\boxed{-q^3}) + (\boxed{2q^2}) \\
 + (-2)q^2 + (-3)q + (-2) \\
 + (\boxed{-2q^2}) + (\boxed{4q}) \\
 + (-7)q + (-2) \\
 + (\boxed{-7q}) + (\boxed{14}) \\
 + (\boxed{-16})
 \end{array}$$