4.

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

$$
\begin{array}{r}
+(\boxed{-2y^2}) \quad +(\boxed{-4y}) \quad +(\boxed{-7}) \\
\hline
\boxed{y-2} \quad (-2)y^3 \qquad\qquad +(1)y \qquad +(2) \\
(\boxed{-2y^3}) \quad +(\boxed{4y^2}) \\
+(-4)y^2 \qquad +(1)y \qquad +(2) \\
+(\boxed{-4y^2}) \quad +(\boxed{8y}) \\
+(-7)y \qquad +(2) \\
+(\boxed{-7y}) \quad +(\boxed{14}) \\
+(\boxed{-12})
\end{array}
$$