4.

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

$$
\begin{array}{r|llll}
 & +(\boxed{-3y^2}) & +(\boxed{-7y}) & +(\boxed{-24}) \\
\hline
y-3 & (-3)y^3 & +(2)y^2 & +(-3)y & +(-2) \\
 & (\boxed{-3y^3}) & +(\boxed{9y^2}) & & \\
 & & +(-7)y^2 & +(-3)y & +(-2) \\
 & & +(\boxed{-7y^2}) & +(\boxed{21y}) & \\
 & & & +(-24)y & +(-2) \\
 & & & +(\boxed{-24y}) & +(\boxed{72}) \\
 & & & & +(\boxed{-74})
\end{array}
$$