

4.

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

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