3.

Which of the following is the quotient of $3w^3 + 3w^2 + 3w + 1$ divided by w

$$
\begin{array}{r|llll}
 & & + (\boxed{3w^2}) & + (\boxed{3w}) & + (\boxed{3}) \\
\hline
\boxed{w} & (3)w^3 & + (3)w^2 & + (3)w & + (1) \\
 & (\boxed{3w^3}) & & & \\
 & & + (3)w^2 & + (3)w & + (1) \\
 & & + (\boxed{3w^2}) & & \\
 & & & + (3)w & + (1) \\
 & & & + (\boxed{3w}) & \\
 & & & & + (\boxed{1}) \\
\end{array}
$$