5.

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

$$
\begin{array}{l}
 \quad\quad +(\,\boxed{3\,j^2}\,) \quad\quad\quad +(\,\boxed{3}\,) \\
\hline
\boxed{j} \quad (3)\,j^3 \quad\quad\quad\quad +(3)\,j \quad +(-2) \\
\quad\quad (\,\boxed{3\,j^3}\,) \\
\quad\quad\quad\quad\quad\quad\quad\quad +(3)\,j \quad\quad +(-2) \\
\quad\quad\quad\quad\quad\quad\quad\quad +(\,\boxed{3\,j}\,) \\
\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad\quad +(\,\boxed{-2}\,)
\end{array}
$$