3.

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

$$
\begin{array}{r}
+(-2h^2) \quad +(-4h) \quad +(-15) \\
\hline
h-3 \enclose{longdiv}{(-2)h^3 \quad +(2)h^2 \quad +(-3)h \quad +(3)} \\
(-2h^3) \quad +(6h^2) \\
+(-4)h^2 \quad +(-3)h \quad +(3) \\
+(-4h^2) \quad +(12h) \\
+(-15)h \quad +(3) \\
+(-15h) \quad +(45) \\
+(-42)
\end{array}
$$