Which of the following is the Quotient of $-3z^6 + 3z^5 + 9z^4 - 5z^3 - 5z^2 + 3z + 2$ divided by $(-z - 1)^2 (2 - z)$ $((-3 z^6))$ $+((9 z^4)) + ((6 z^3))$

Coefficient list: $\{3, -3, 0, 2\}$