$+ (-6 \text{ w}^2)$ $+((3 w^5)) + ((3 w^4))$ $+ (6) w^{5} + (-6) w^{4} + (-8) w^{3} + (9) w^{2} + (1) w + (-1)$ $+((-6 \text{ w}^4)) + ((-6 \text{ w}^3)) + ((6 \text{ w}^2))$ $+(-2)w^3 + (3)w^2 + (1)w + (-1)$

Which of the following is the Quotient of $-3w^6+9w^5-3w^4-11w^3+9w^2+w-1$ divided by $(-w-1)(1-w)^2$

 $\{3, -6, 0, 2\}$