Which of the following is the Quotient of -3  $w^6$  + 15  $w^5$  - 21  $w^4$  - 5  $w^3$  + 29  $w^2$  - 13 w - 4 divided by (-w-1)  $(2-w)^2$  $+ ((-12 \text{ w}^3))$  $+\,(\,6\,)\,w^{5} \\ \phantom{+}+\,(\,-\,21\,)\,w^{4} \\ \phantom{+}+\,(\,7\,)\,w^{3} \\ \phantom{+}+\,(\,2\,9\,)\,w^{2} \\ \phantom{+}+\,(\,-\,13\,)\,w \\ \phantom{+}+\,(\,-\,4\,)$  $+ ((-18 \text{ w}^4))$  $+ ((24 \text{ w}^2))$  $+(-3)w^4 + (7)w^3 + (5)w^2 + (-13)w + (-4)$  $+([-3 w^4])$  $+ ((9 w^3))$ + (( - 12 w))  $+ (-2) w^3$  $+ (5) w^{2} + (-1) w$ 

$$+(\boxed{-3 w^4}) + (\boxed{9 w^3}) + (\boxed{-12 w}) + (-2) w^3 + (5) w^2 + (-1) w + (-4)$$

 $+((-2 w^3))$ 

$$+(-2 \text{ w}^3)$$
  $+(6 \text{ w}^2)$   $+(8)$ 

Coefficient list:  $\{3, -6, 3, 2\}$