Which of the following is the Quotient of –3 q^6 –3 q^5 +9 q^4 + q^3 –7 q^2 + q –1 divided by (-q-1) $(1-q)^2$ $((-3 q^6)) + ((3 q^5)) + ((3 q^4)) + ((-3 q^3))$ $+(-6)q^{5} + (6)q^{4} + (4)q^{3} + (-7)q^{2} + (1)q + (-1)$ $+((-6 q^5)) + ((6 q^4)) + ((6 q^3)) + ((-6 q^2))$ $+(-2)q^3 + (-1)q^2 + (1)q + (-1)$ $+((-2 q^3)) + ((2 q^2)) + ((2 q)) + ((-2))$

 $+(|-3 q^2|) + (|-q|) + (|1|)$

Coefficient list: $\{3, 6, 0, 2\}$