+ (12 n) $\left| \begin{array}{c|c} (-n-1)^2 & (1-n) \end{array} \right| \ (-3) \, n^6 \\ \end{array} \ + (-15) \, n^5 \\ \end{array} \ + (-21) \, n^4 \\ \end{array} \ + (1) \, n^3 \\ \end{array} \ + (19) \, n^2 \\ \end{array} \ + (9) \, n^4 \\ \end{array} \ + (10) \, n^4 \\ + (10) \, n^4 \\ \end{array} \ + (10) \, n^4 \\ + (10) \, n^4 \\ \end{array} \ + (10) \, n^4 \\ +$ $+((-3 n^5)) + ((3 n^4))$ + ((3 n³)) $+ (-12) n^5 + (-24) n^4 + (-2) n^3 + (19) n^2 + (9) n$ $+((-12 n^4)) + ((12 n^3))$ + ((12 n²)) $+(-12) n^4 + (-14) n^3 + (7) n^2 + (9) n + (1)$

Which of the following is the Quotient of $-3n^6-15n^5-21n^4+n^3+19n^2+9n+1$ divided by $(-n-1)^2(1-n)$

$$+(\underbrace{-12 \text{ n}^4}) + (\underbrace{-12 \text{ n}^3}) + (\underbrace{12 \text{ n}^2}) + (\underbrace{12 \text{ n}})$$

 $+(-2) n^3 + (-5) n^2 + (-3) n + (1)$

$$+ (-2) n^{3} + (-5) n^{2} + (-3) n + (1)$$

$$+ ((-2 n^{3})) + ((-2 n^{2})) + ((2 n)) + ((2))$$

 $+((-2 n^2)) + ((2 n))$

 $+(|-3 n^2|) + (|-5 n|) + (|-1|)$

Coefficient list:

 $\{3, 12, 12, 2\}$