Which of the following is the Quotient of –3 a^6 –15 a^5 –21 a^4 + a^3 +19 a^2 +9 a +1 divided by –(–a –2) 2 a $+ (3 a^3)$ $\left[-(-a-2)^{2}a \right] (-3)a^{6} + (-15)a^{5} + (-21)a^{4} + (1)a^{3} + (19)a^{2} + (9)a^{6}$ $+((-12 a^4))$ $+([-12 a^5])$ $+(-3)a^{5} + (-9)a^{4} + (1)a^{3} + (19)a^{2} + (9)a + (1)$ $+((-3 a^5))$ $+((-12 a^4)) + ((-12 a^3))$ $+ (3) a^4$ + (13) a³ $+(19)a^{2}+(9)a+(1)$ $+((3 a^4))$ $+((12 a^3))$ $+((12 a^2))$ $+ (1) a^3$ + (7) a² + (**9**) a $+((a^3))$ $+((4 a^2))$ $+ (3 a^2)$

Coefficient list: {3, 3, -3, -1}