Which of the following is the Quotient of  $-3t^6 + 21t^4 - 8t^3 - 36t^2 + 27t + 8$  divided by  $(-t-2)^2(2-t)$  $(-t-2)^2 (2-t) (-3) t^6$  $+(21) t^4 + (-8) t^3 + (-36) t^2 + (27) t$  $+((24 t^3))$  $+((12 t^4))$  $+ (9) t^4 + (-32) t^3 + (-36) t^2 + (27) t + (8)$  $+((12 t^4)) + ((-24 t^3)) + ((-48 t^2))$  $+(-3)t^4 + (-8)t^3 + (12)t^2 + (27)t + (8)$  $+((-3t^4)) + ((-6t^3))$ +((24 t)) $+((12 t^2))$  $+(-2)t^3$ +(3)t $+((-2t^3))$ Coefficient list:  $\{3, -6, 3, 2\}$