



Advanced Functions · Grade 12

Name _____ Date _____ Score _____ / 5

01 Is $f(x) = 12x^4$ even, odd, or neither? = _____

02 Is $f(x) = -12x^4 + 6x^2 + 6$ even, odd, or neither? = _____

03 Find the vertical and horizontal asymptotes of $f(x) = (x - 1) / (x + 4) =$ _____

04 Describe the end behaviour of $f(x) = -2x^4 - 8x^3 - 10x^2 - 6x + 1 =$ _____

05 Is $f(x) = 10x^4 - 4x^2$ even, odd, or neither? = _____