



P(x) Advanced Functions · Grade 12

Name _____ Date _____ Score _____ / 5

01

Using the Remainder Theorem, find the remainder when $f(x) = 2x^4 - 6x^3 + 2x^2 - x$ is divided by $(x - 2) =$

02

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

03

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

04

Using the Remainder Theorem, find the remainder when $f(x) = -9x^4 + 7x^3 - 2x + 1$ is divided by $(x - 2) =$

05

Using the Remainder Theorem, find the remainder when $f(x) = -3x^4 - x^3 + 7x^2 + 5x - 9$ is divided by $(x + 1) =$
