

Unit 2 Part 2

Worksheet 2

Finding the x-intercepts of Quadratic Functions Using Your Calculator

1. Find the vertex and x-intercept(s) of the following quadratic functions.

A) $y = 4x^2 - 12x$

B) $y = 6x^2 + 2x - 4$

C) $y = x^2 + x - 6$

D) $y = x^2 + x - 6$

E) $y = 4x^2 - 28x + 49$

F) $y = x^2 - 1$

G) $y = 2x^2 + 4.5x - 5.9$

H) $y = x^2 - 4$

I) $y = 2x^2 + 14x + 20$

J) $y = 2x^2 - 7x + 3$

K) $y = 10x^2 - x - 2$

L) $y = x^2 - 4x - 5$

M) $y = x^2 - 12x + 27$

N) $y = x^2 - x - 12$

O) $y = x^2 - 15x + 54$

P) $y = x^2 - 2x - 8$

Q) $y = x^2 - 11x + 24$

R) $y = x^2 - 12x + 35$