

This is designed to strengthen our calculator skills.

You should enter the function into y=

VAR-S-Y-vars-#1function-#1Y1-the do parenthesis and the number. Close your parenthesis

Name _____

Date _____

Advanced Algebra

Unit 2: families of Functions Assignment #1

Learning target: I can evaluate a function at a given point

1) $f(x) = x - 4$

a) $f(8) = 4$

b) $f(1) = -3$

2) $f(x) = x - 6$

a) $f(9) = 3$

b) $f(2) = -4$

3) $f(x) = 3x - 2$

a) $f(7) = 19$

b) $f(0) = -2$

4) $f(x) = 4x - 3$

a) $f(7) = 25$

b) $f(0) = -3$

5) $g(x) = x^2 + 1$

a) $g(2) = 5$

b) $g(-2) = 5$

6) $g(x) = x^2 + 4$

a) $g(3) = 13$

b) $g(-3) = 13$

7) $g(x) = -x^2 + 2$

a) $g(4) = -14$

b) $g(-3) = -7$

8) $g(x) = -x^2 + 1$

a) $g(5) = -24$

b) $g(-4) = -15$

9) $h(r) = 3r^2 + 5$

a) $h(4) = 53$

b) $h(-1) = 8$

10) $h(r) = 2r^2 - 4$

a) $h(5) = 46$

b) $h(-1) = -2$

11) $f(x) = 2x^2 + 3x - 1$

a) $f(3) = 26$

b) $f(-4) = 19$

12) $f(x) = 3x^2 + 4x - 2$

a) $f(2) = 18$

b) $f(-1) = -3$

13) $f(x) = \frac{3x}{5x-2}$

a) $f(5) = .65$

b) $f(-8) = .57$

14) $f(x) = 3x^2 - 7x - 5$

a) $f(-2) = 21$

b) $f(20) = 1055$

15) $f(x) = \frac{2x+5}{x-3}$

a) $f(8) = 4.2$

b) $f(-7) = .9$

Use
Calculator
↓