

Name: _____

Date: _____

TAKS: Evaluate Me?
Student Worksheet

How can you get the calculator to evaluate an expression? One way you can quickly evaluate for a single value is to use the home screen. Look at the example given below.

Using the given function, $f(x) = 2x^2 + 8$, find $f(-5)$.

$2(-5)^2+8$	$2(-5)^2+8$
	58

$$f(-5) = 58$$

Practice this method of evaluating functions in the questions below.

1. Given the function $f(x) = 3x^2 + 7$, what is the value of $f(-3)$?

- A. -25
- B. 34
- C. 74
- D. 20

2. A quadratic function is given below.

$$f(x) = 3x^2 - x + 6$$

What is $f(2)$?

- E. F 40
- F. G 28
- G. H 16
- H. J 4