

## WARM UP

Write an algebraic expression for the tables on page 123. Questions 1, 2, and 3 at the bottom.

# MATH COURSE I

Tables and  
Functions

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# VOCABULARY

function: a rule that relates two quantities

input: the value substituted into an expression or function

output: the value that results from the substitution of a given input into an expression or function

# Order of Operations

**Parenthesis**

**Exponents**

**Multiplication & Division**

**Addition & Subtraction**

# Example

$x = 10$  (input)

Function Rule:  $3x + 4$   
 $= y$

$y$  (output)

$$y = 3x + 4$$

$$y = 3(10) + 4$$

$$y = 30 + 4$$

$$Y = 34$$

# Examples

Evaluate for  $x = 4$ .

1)  $5x + 8 =$

2)  $12 - x + 8 =$

3)  $5 - x + 9 =$

4)  $7x + 3x =$

5)  $5 - x + 8 - x =$

# Practice

Practice