Unit 1 Function Relationships Day 2 Notes
Writing Equations to Model Situations (PH 2-5)

## ADDITION



## DIVISION



Name
Date $\qquad$ Hour $\qquad$

## SUBTRACTION



## MULTIPLICATION



## In Class Activity:

Match the expressions, words, and tables. Complete the table below to show your matches.

| Expressions | Words | Tables |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Compare your answers with a partner. Then we will discuss them as a class.

## Examples: Define a variable. Then model each situation with an equation to solve.

1. Brendan withdrew $\$ 25$ from his bank account at an ATM. The transaction slip said his balance was $\$ 243.19$. Write and solve an equation to find Brendan's original balance.
2. Suppose you want to buy a bouquet of yellow roses and baby's breath for $\$ 16$. The baby's breath costs $\$ 3.50$ per bunch and roses cost $\$ 2.50$ each. You want one bunch of baby's breath and some roses for your bouquet. How many roses can you buy?
3. Consecutive integers differ by one. The sum of three consecutive integers is 48 . Write and solve an equation to find the three integers.
4. One number is 3 more than twice another number. If the sum if 57 , find the numbers.
5. The width of a rectangular garden is 8 less than its length. The perimeter of the garden is 24 feet. What are the length and width of the garden.
6. The sum of two consecutive odd integers is 56. What are the integers?

Matching Expressions, Words, and Tables ACTIVITY


Matching Expressions, Words, and Tables ACTIVITY


