

Name \_\_\_\_\_

Date \_\_\_\_\_

## Using Variables to Represent Numbers - Guided Lesson Explanation

### Explanation#1

In the question Scott bought volleyballs from Thailand. We use the variable "v" to denote the number of volleyballs. He gave 56 balls to his friend. That would mean that 56 was subtracted from his total. Putting it all together:

The answer will be 'v - 56'.

### Explanation#2

The variable s represents the number of minutes.

The variable T represents the amount of meals prepared.

We have to input 2 hours. We are working with minutes, so we need to convert the hours to minutes. There are 60 minutes in an hour. So, 2 hours would equal 120 minutes (60 x 2).

Now we plug the 120 minutes in as:  $s = 120$

$$5T = s$$

$$T = 120 / 5$$

$$T = 24 \quad \text{Kerry can prepare 24 meals in 2 hours.}$$

### Explanation#3

In the question Mark has p cookies. Cookies are denoted as 'p'.

Allen has 15 more cookies than Mark.

The word "more" indicates addition.

Allen's cookies would =  $p + 15$  (choice a)

