

Name \_\_\_\_\_

Date \_\_\_\_\_

## Expressions Used In Word Problems - Guided Lesson Explanation

### Explanation#1

Step 1) In the question Jacob has playing cards

playing cards are going to be denoted as 'p'.

Jeff has 60 more (+ 60) playing cards than Jacob.

Step 3) The answer will be 'p + 60'.

### Explanation#2

Step 1) First find out what to be asked of us.

Step 2)  $Y = 12$ , we have to put the value of y in the question.

Step 3) a.  $Y - 9$

$$12 - 9 = 3$$

b.  $5 + Y$

$$5 + 12 = 17$$

### Explanation#3

Step 1) We have to evaluate the answer. We will use PEMDAS to tackle the order of operations that are presented.

Step 2a) a.  $5 + 9 \div 3$       Division before addition

$$5 + (9 \div 3)$$

We can look at it as:

$$12 \div 3 = 4$$

Step 2b) b.  $9 - 4 \times 8$       Multiplication before subtraction.

$$9 - (4 \times 8)$$

We can view it as:

$$9 - 32 = -23$$

