

Writing Expressions

****Every word problem you read asks you to perform at least one of only four possible mathematical operations:
Addition, Subtraction, Multiplication and/or Division**

Let's learn the language of each:

<u>Addition</u>	<u>Subtraction</u>	<u>Multiplication</u>	<u>Division</u>
Plus	minus	times	divide by
More than	less	product of	divide into
Increased by	less than	doubled (2 times)	quotient of

****To write an expression, determine:**

1. Which operation is being used, and then
2. Substitute an operational sign for the corresponding words:

EXAMPLE: Sally has three more apples than Georgine.

Georgine's apples: a

Sally's apples: $a + 3$

OR: Marcus earned twice as much money this weekend as Jacob.

Jacob's earnings: b

Marcus' earnings: $2b$

Let's write expressions for the following:

1. seven more than k
2. three times the value of w
3. m divided by 3

4. 12 less than 7 times a number x
5. 6 more players than a number 8 times p
6. 4 more than the product of x and 12

Now, let's write expressions and evaluate for the values given:

7. What is the sum of 4 and d ? $d = 9$

8. Nick and Sarah each sold t candy bars and Julia sold 5 more.
How many bars were sold all together? $t = 6$

9. All 20 kids in the class each spent n at Isabella's, except
Mrs. Sperling, who spent \$6.75. How much money was spent at
Isabella's? $n = \$5.00$