

Do it
Now!

Think of all the synonyms for the following operations.

(feel free to add more if you think of more)

ADDITION

+

- Sum
- plus
- all together
- add u
- combine
- more than
- increased by

SUBTRACTION

-

- take away
- * less than
- decrease
- subtract
- minus
- difference
- how many more

EQUALS

=

- equal to
- together
- in all
- is/are

(Parentheses Words)

- quantity
- all " _____ " by

↑ some operation

MULTIPLICATION ●

- multiply
- times
- of
- Product

each
per

DIVISION /

- divide
- Quotient
- divided by
- OVER (fraction)



Turn Around Words

- less than
- subtracted from

"Eight less than 12"
12 - 8

"Eight subtracted from 12"

Translating Expressions/Equations

Day 1



Write the following statements as numbers:

– eight times a

$$8a \quad (8)(a) \quad 8 \cdot a \quad 8(a)$$

– three times x times x

$$3xx \quad 3(x)(x) \quad 3x^2 \quad 3 \cdot x \cdot x$$

– the quantity of the sum of a and b, all multiplied by 4

$$(a+b)4$$

– x divided by y^2

$$x \div y^2 \quad 4(a+b) \quad \frac{x}{y^2}$$

Write the following numbers as statements:

- $4xy$ Product of 4, x , and y

- $5(x+y)$ Product 5 and the quantity x plus y

- $2x - 3y^2$ 2 times x minus the product of 3 and y^2

all multiplied by 5



For the remainder of the period...

Work on completing the translation worksheet that we are handing out to you.

