

Warm Up:

$$3 - 2(3^2 + 8) + 10$$

$$3 - 2(\underline{9+8}) + 10$$

$$3 - 2(\underline{17}) + 10$$

$$\underline{3 - 34} + 10$$

$$\underline{-31 + 10}$$

$$\textcircled{-21}$$

$$(4 - 12)^2 \div 4$$

$$\underline{(-8)^2} \div 4$$

$$64 \div 4$$

$$\textcircled{16}$$

What is translating?

ADDITION

more, sum , plus,
increased by, add,

SUBTRACTION

difference, decreased by, minus
fewer, subtract, take away, gave, less
than

MULTIPLICATION

double, multiplied by, product
twice, times, of, half

DIVISION

shared equally
divided by, quotient
split, half

EXPONENTS

squared
to the power of
raised to

EQUALS

is the same as, is equal to
is equivalent, is, will be

$>$
is more than
is over
is greater than

$<$
is less than
is under

PARENTHESIS

the sum of, the difference of
the quantity of

\geq
is greater than
or equal to,
is at least, is
no less than

\leq
is less than or
equal to, is no more
than, is at most

1. Three less than a number is equal to six

$$x - 3 = 6$$

2. Four times the sum of a number and seven

$$4(x + 7)$$

3. Five is at least the quotient of a number and 10

$$5 \geq x \div 10$$

4. Six is no more than the difference of a number and one

$$x - 1 \geq 6$$

5. A taxi cab charges \$3 for the first mile, and \$1.50 for each additional mile driven. *when m is the total miles driven*

$$3 + 1.50m = (m - 1) \cdot 1.50 + 3$$

Bingo!

I will say the expression in words. You find your bingo space that has it written algebraically.