Expressions

Vocabulary

Goals aligned to common core standards:

- You will break down an expression and interpret their parts.

- You will be able to use the correct math terminology.

Expression
Coefficients
Variable
Constant
Factors
Terms
Exponent
Power
Base

Your group will be given 2 of these vocabulary words. You will:

1. write the definition in your own words
2. give 2 examples of each word

Addition
Subtraction
Multiplication
Division
Equal

Your group will be given 1 of these words. You will:

Write all of the math terms you can think of that have the same meaning.

We will then share our answers and you can record the words you weren't

Key Terms to know when choosing your operation	
Addition	More than, sum, plus, increased by, added to
Subtraction	Less than, subtracted from, difference, decreased by, minus
Multiplication	Product of, multiplied by, times, of
Division	Quotient of, divided by

Warm - up: Label each term
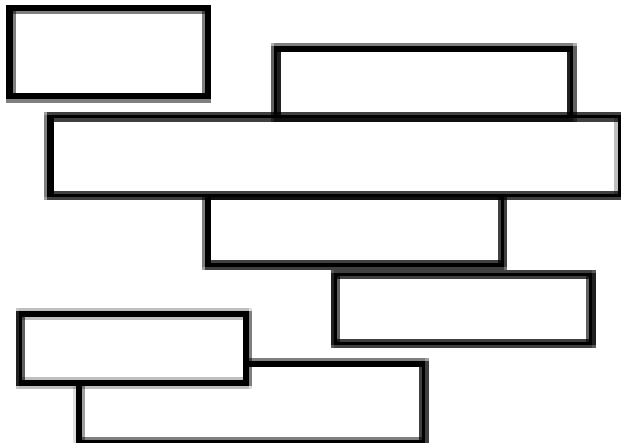
Binomial expression:
2x+1

2 is a coefficient
x is a variable
1 is a constant
2 and x are factors
2x, and 1 are terms

Trinomial expression:
$3x^2+4x+6$

coefficients: 3 and 4
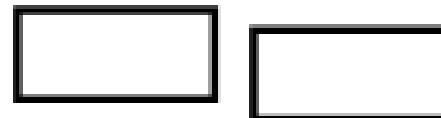variable: x
constant: 6
factors:
3 and x^2
4 and x
terms: $3x^2$, 4x, and 6
exponent: 2 in x^2
power: x^2
base: x in x^2

- ▮ three times a number to the fourth power.

- ▮ five times a number to the second power plus sixteen.

- Eight times a number to the second power plus twenty-two ▮

- Twelve times a number to the eighth power plus nineteen ▮

Goals aligned to common core standards:

- You can break down an expression and interpret their parts.

- You can use correct math terminology.

"What do you expect? My edition of the math book doesn't have the answers in it like yours does."