BEFORE BELL

1 - Find and sit in your assigned seat :)

2 - Turn in signed portion of disclosure (due Monday 8/28)

**Please cut on dotted line and PRINT your name below your signature*

STARTER

In your own words, what is the difference between an **expression** and an **equation**?

Finish Discussing Classroom Procedures:

Hall Passes

Sharpening Pencils

Turning in HW

Calculator and Computer Use

Borrowing Pencils

Cell Phones

Whiteboards

Cubbies

Starters

Aug 22-3:39 PM

FYI - Class website

biehnmath.weebly.com

Aug 24-2:44 PM

Math Video

Aug 24-1:22 PM

Expression	vs.	Equation =
Phrase		Sentence
$2x - 5 + 7x$		$2x + 5 = 13$
Simplify		Solve

Aug 24-2:26 PM

Vocab

13 - 8y

coefficient constant

$2x + 5$

variable

7x - 8

term

You can *evaluate* an expression by plugging in a number for a variable

Evaluate 2x + 5 when

x = 3 $2(3)+5 = 6+5 = 11$

x = 1 $2(1)+5=7$

x = -10 $2(-10)+5=15$

x = 0 $2(0)+5=5$

Like Terms

Terms whose variables and exponents are the same

4x

Which are like terms with 9x?

7x 3y -1.5x -.4j $16x^2$ x -7xy

variables and exponents :)

Aug 10-2:42 PM

How to Combine Like Terms

To Combine Like Terms, we add together items that are the same to make a simplified shorter list of items.

Consider the following family take-away order:

We can write this in Algebra as: **2b + f + d + 3b + 2f + 2d**

If we combine like items, we get a simplified list as follows:

5b + 3f + 3d ✓

Images from Clker.com

*Remember to include the sign in front of each term

Simplify the Expression

$2x + 7x$

$9x$

Aug 22-3:47 PM

Simplify the Expression

$15a + 2b - 6a$

$15a - 6a + 2b$

$9a + 2b$

Simplify the Expression

$y - 6z + 9y + 6$

$y + 9y - 6z + 6$

$10y - 6z + 6$

y	z	
$+9$	-6	6
$10y$	$-6z$	$+6$

Simplify the Expression

$13 - 4b + 3 + 6b - c$

b	c	
-4 +6	-1	13 +3

$2b - c + 16$

Aug 22-3:47 PM

Simplify the expression

$4y - 3x + 10y + 9x$

$4y + 10y \quad 9x - 3x$

$14y + 6x$

Simplify the expression

$$-2x + 7a + 9x - a$$

$$7x + 6a$$

Simplify the expression

$5n - 3m$

✓

Aug 22-3:47 PM

Simplify the expression

$2 + 7y - 6x - 7y + 5$

x	y	constants
-6	$+7$ -7	2 $+5$

$-6x$ $0y$ $+7$

$-6x+7$

Simplify the expression

$-12y$ $+y$

$\boxed{-3}\boxed{-4y-8y}\boxed{+20}\boxed{+y}$

$17-11y$

Aug 22-3:47 PM

Simplify the expression

$x + x + x + x + x + x$

$6x$

Aug 22-3:47 PM

Write your own expression and have a partner solve.
Check their answer

Aug 24-3:04 PM

Exit Ticket (do on back of starter)

1 - What did you learn today?

2 - What is still unclear?

3 - On a scale of 1-10, how confident are you with combining like terms?

Aug 24-3:04 PM

Math Class

Aug 11-9:20 AM

Aug 25-11:04 AM