10/04 - 10/14

Warm-Ups

Warm-Up 10/05

Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

- 1. Julie's brother says that instead of paying her the \$40 he owes her, he will give her \$2 today and double the amount she has each day for six days. Should she accept the offer? Explain your answer.
- 2. Which person below has the largest value?

Terry	Mary	Larry
$(6+4)^3$	$6^3 + 4^3$	$6 + 4^3$

- Work on Math Vocabulary Activities, EE.1-4
 - Vocab Sheet + 75 points of vocab man activities, item 13 in notebook
- When you are done with vocabulary, please see me with your ID to get Chromebook

Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

2x - 3

Identify the coefficient, variable, and constant in each expression.

- 1. 4 + 3y
- 2. 2n + 14
- 3. 15 4y
- 4. 92 8x

- Update your notebook (math or science)
- Work on Math HW
- Read silently

Topic: 6.EE.2: Expressions

EE.2 Notes

Item 14 in Notebook

Term	Definition	Examples
variable	a letter that represents an unknown number	x, y
constant	any number because its value never changes	5, -9
coefficient	the number in front of the variable (tells you how many of the variable you have)	In 8x, 8 is the coefficient
expression	when there are a combination of variables, constants, and coefficients 5y + 3	

Summary:

Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

$$7x - 5 + y$$

- 1. Describe the **expression** above in words.
- 2. What is the **variable** in this problem?
- 3. What is the **constant** in this problem?
- 4. What is the **coefficient** in this problem?

- Work on Homework
- Read Silently
- Organize Notebooks/Study for Science Quiz

Please complete the matching to the LEFT in your warm-up tracker.

Try your best. If you don't understand, write down the problem and we will review together as a class.

When you are done...

- Complete HW if needed
- Update Notebooks
- Read silently

Match each situation to its algebraic expression below.

A.
$$8 \div x$$
 B. $8x$ C. $8 - x$ D. $x + 8$ E. $x - 8$ F. $x \div 8$

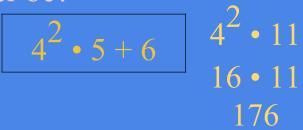
- **5.** 8 take away *x* _____
- **7.** the product of 8 and *x* _____
- **9.** 8 more than *x* _____
- 11. Lily bought 14 beads and lost some of them. This situation is modeled by the expression 14 x. What does x represent in the expression?

- **6.** *x* divided by 8 _____
- **8.** the quotient of 8 and x _____
- **10.** *x* decreased by 8 _____
- 12. The pet store put the same number of hamsters in 6 cages. This situation is modeled by the expression 6n. What does n represent?

Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

- 1. Write your own **algebraic expression** that contains variables and constants.
- 2. Evaluate $a^2 + 19 \cdot a 30$ when a = 4.
- 3. Justice solved the problem in the rectangle like this. What mistake did he make? What should his answer be?

- Work on Discovery Education activities
 - o Virtual Lab (B1) or Video (B2)
- Start your HW for this week



Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

Fill in this chart using the words on the right:

+	-	•	•

sum	more than			
difference	take away			
times				
product	quotient			
plus	each			
minus	less than			
of				

Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

Ten less than four times a number.

- 1. Write the problem above as a mathematical **algebraic** expression.
- 2. Write the algebraic expression two additional ways with words.
- 3. What is the **variable**, **constant**, **and** the **coefficient** in this problem?

- Work on Discovery Education
- Khan Academy

Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

- 1. Calculate the answer to $(3/5)^3$.
- $\overline{2}$. Calculate the answer to 0.6^3 .
- 3. Trey says that 3⁴ and 4³ are equal? Is he correct? Prove your answer.
- 4. If Cindy sang for $100 4 \cdot 7 + 3^3$ minutes, how many minutes did she sing for?



- Work on Khan Academy
- Finish any Discovery
 Education activities for
 Science
 - Work on HW

Please complete in your warm-up tracker. Try your best. If you don't understand, write down the problem and we will review together as a class.

Using the <u>expression</u> 3d³ - 8d + 27, <u>evaluate</u> by <u>substituting</u> the following...

- 1. If d=2
- 2. If d=4
- 3. If d=5
- 4. If d=7

- Work on Khan Academy
- Finish any Discovery Education activities for Science