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
$(6 + 4)^3$	$6^3 + 4^3$	$6 + 4^3$

When you are done...

- 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

Warm-Up/Agenda 10/06

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

When you are done…

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

EE.2 Notes

Item 14 in Notebook

Topic: 6.EE.2: Expressions		
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:

Warm-Up/Agenda 10/07

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?

When you are done…

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

Warm-Up/Agenda 10/07

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 _____
6. x divided by 8 _____
7. the product of 8 and x _____
8. the quotient of 8 and x _____
9. 8 more than x _____
10. x decreased by 8 _____
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?
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?

Warm-Up/Agenda 10/10

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?

$$4^2 \cdot 5 + 6$$

$$4^2 \cdot 11$$
$$16 \cdot 11$$
$$176$$

When you are done…

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

Warm-Up/Agenda 10/11

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

Warm-Up/Agenda 10/12

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?

When you are done...

- Work on Discovery Education
- Khan Academy

Warm-Up/Agenda 10/13

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 $(3/5)^3$.
2. Calculate the answer to 0.6^3.
3. Trey says that 3^4 and 4^3 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?

When you are done…

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

Warm-Up/Agenda 10/14

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 **expression** $3d^3 - 8d + 27$, **evaluate** by **substituting** the following…

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

When you are done…

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