Name: _____ Date: February 21, 2020____

Math:	Day2 Order of Operations P.4 nb , Warm up
Social Studies:	- Zhou, Shang, and Qin Dynasties HW: Owed Work
ELA:	Daily Warm Up Indapandant Comma Practice
Science	Lab: Earth Materials Temperature NB Page 5 HW: OWED WORK / TEST CORRECTIONS
Computer Apps/ Technology	

Grammar: Commas

Practice

A **comma** signals a brief pause. Commas can be used between items in a series, after an introductory phrase or clause, or before a conjunction joining independent clauses.

A   Add commas where they are needed between the items in the series.

1. Jan Dot Steve and Corey are coming to the party.

2. I have called the guests bought the food and warned the neighbors.

3. I think this will be a loud enjoyable and exciting party.

4. Can you bring plates napkins and cups?

5. Sarah walked ran and even rode a bike to get here.

B   Add commas where they are needed after each introductory phrase or clause.

1. After we eat we will do the dishes.

2. With very little money she left home to spend a day in the city.

3. After he finished school he went to visit his father at work.

4. To win the state championship the team practiced day and night.

5. Whenever you are ready we can leave.

C   Add commas where they are needed between the independent clauses.

1. You were away having a good time and I was here bored and lonely.

2. Mars is closer but Jupiter appears brighter.

3. The hours ticked away but the phone never rang.

4. I enjoy watching football but I like baseball better.

5. It was a superbly written book and I could not put it down.

    1

Grammar: Commas

Assess

A Add commas where they are needed. Not every sentence needs a comma. Write *correct* for any sentence that does not need a comma.

1. _____ Jerry tried out for the lead but Tom got the part.

2. _____ Sandy ran up the block across the park and around the school.

3. _____ The storm caused great damage and washed away several bridges.

4. _____ Last Saturday was windy cold and rainy.

5. _____ I stopped by to pick you up but you had already left.

6. _____ We arrived early and stayed late.

7. _____ My shoes are not under my bed in the closet or under the couch.

8. _____ If it does not rain tomorrow the roads will be jammed.

9. _____ Jackie and Katie will be roommates next year.

10. _____ Firs spruces and pines are evergreen trees.

B Write each pair of sentences as a compound sentence, using the conjunction in parentheses. Place a comma where it is needed.

1. Spring came. The birds flew north. (and)

    _____

2. I can hand in a written report on spiders. I can give an oral report. (or)

    _____

3. They had been working very hard. They did not seem especially tired. (but)
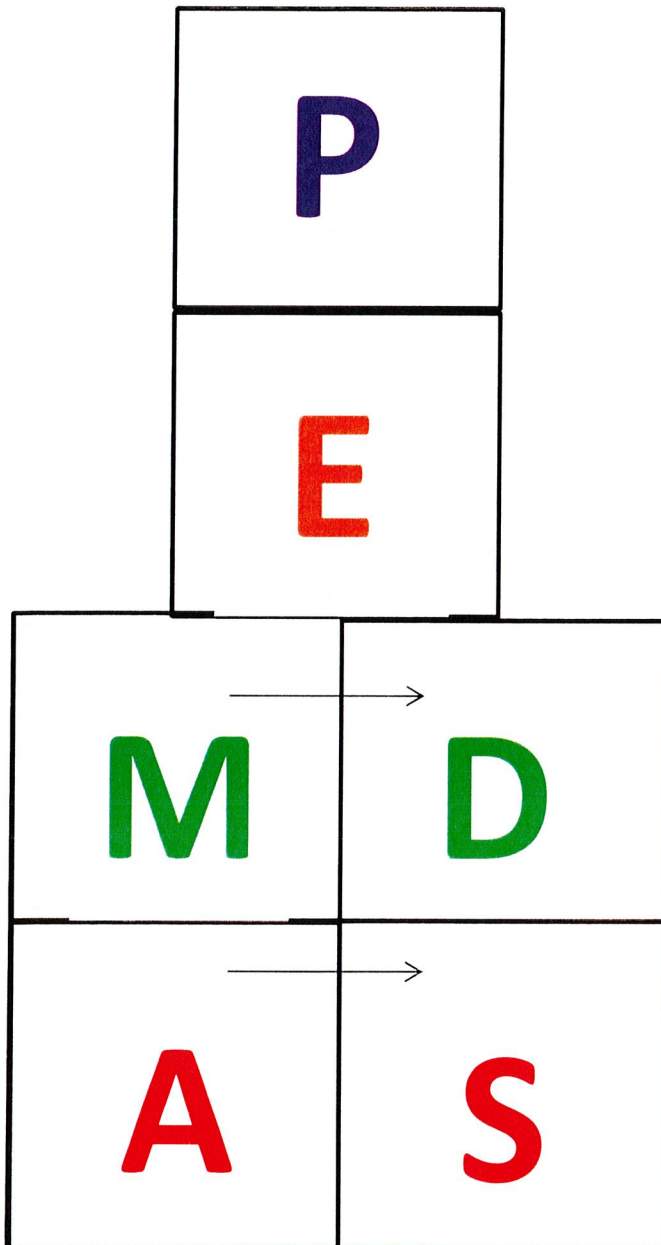
    _____

4. Usually we study in the morning. We go swimming in the afternoon. (and)

    _____

    2

2/16   CCSS NYS Mod.4. B Lesson 6 <u>Orders of Operations</u>   (6.EE.1, 2b)   p.36

VOCABULARY:

- <u>**Orders of Operations-**</u> a set of rules that determines the correct sequence for evaluating expressions
- <u>**Exponents-**</u> tells how many times a base is used as a factor
- <u>**Numerical Expression-**</u> a combination of numbers & operators *example: 3·2+4·4*

P

E

M   D

A   S

$17 - 5^2 \div (2+3) =$

$17 - 5^2 \div \underline{\quad} =$

$17 - \underline{\quad} \div \underline{\quad} =$

$17 - \underline{\quad\quad} =$

$= \underline{\quad\quad}$

ALWAYS multiply & divide from *left* to *right*

ALWAYS add & subtract *left* from *right*

ALWAYS follow the order even in parentheses

Circle the operation that should be performed first in the examples below.

5.	6.	7.
$(15 - 4) \cdot 9$	$6^2 - 9 + 12$	$2^4 - 15 + (12 - 4)$
8.	9.	10.
$18 \div 6 \cdot 5$	$\left(\dfrac{14}{2}\right) + 3^3$	$\dfrac{4 \cdot 8}{5 - 3}$

Simplify the expressions below. Be sure to use order of operations and show each step.

11.	12.	13.
$15 + 8^2 - (9 + 14)$	$(12 + 4) \div (11 - 7)$	$16 + 6^2 - (9 \div 3)$
56	4	49
14.	15.	16.
$\dfrac{7^2 - 13}{24 - 18}$	$(10 + 4)^2 - 25$	$(10 + 4^2) - 25$
6	171	1

Insert grouping symbols to make each statement true.

17.	18.
$4 \cdot 7 - 3 + 8 = 24$	$24 \div 6 \cdot 9 - 5^2 + 8 = 3$

Summarize today's lesson:

B
E
MD
AS

Name _____

Date _____ Pd _____

EVALUATING EXPRESSIONS

Use the key below to complete the joke.

W H A ▽ ' S ▽ H ○ K i N G O F ▽ H ○ P ○ N C i L B O X ?

▽ H ○ □ U L ○ □

KEY: [R] (E) ▽

Now, replace the following mathematical messages and evaluate them.

KEY: ▽ = 24 ⑧ = 8 [4] = 4

$(\triangledown \div \bigcirc) + \square =$	$\triangledown - (\bigcirc + \square) =$

EVALUATING EXPRESSIONS

- When a letter stands in the place of a _____, it is called a _____.

- A variable represents a _____ number in each _____.

Evaluate the following expressions, if x=7, y=3, and z=2.

1. $x + (y+z)$	2. $z(x) + y - z$	3. $y^2 - z^2$
4. $7x + 5y$		5. $z^2 + 9y - 3x$