Nam	e:	Date:
Num	erical Expression Practice	
Match	Ibulary Practice If the vocabulary word with the example If the word that describes that example	e. Place the letter of the correct example
1.	equation	A. (6 + 4) X 5
2.	expression	B. (6 + 4) X 5 = 50
3.	inequality	C. 1.Parenthesis 2. Exponents 3. Multiplication/Division 4. Addition/Subtraction
4.	order of operations	D. 70 + 5 > 33 - 2
5.	exponent	E. $2^3 = 2 \times 2 \times 2 = 8$
word t	that matches each letter below.	ember the order of operations. Write the otraction exponents parentheses
marci	phoduon dividion addition odd	Parentine parentinesee
Р		First
Е		Second
M D		Third, Whichever comes first right to left.
A		Fourth, whichever comes first right to
		Fourth, whichever comes first right to left.

#2 Reflection Journal - Due: _____

Evaluate the **expressions** below with order of operations:

- 1. Evaluate expressions in **parentheses**.
- 2. Solve all exponents.
- 3. Complete multiplication/division left to right.
- 4. Complete addition/subtraction left to right.

$$8 \times (6 + 4) \div 2^{2}$$

$$9 + (6 - 4) X 2^3$$

Write **four equations** that equal 36. Use at least **two operations** in each equation. (Remember the operations are multiplication, division, subtraction, and addition, and also remember that equations have equal signs).

Examples:

- $(4 + 2) \times 6 = 36$ (the two operations here are + and X)
- 20 X 2 4 = 36

1.	
2.	
3.	
4.	

Write **three inequalities** that compare your age to the ages of friends or family members. Remember that inequalities use >, < signs.

Examples:

- 11 > 5
- 11 < 21

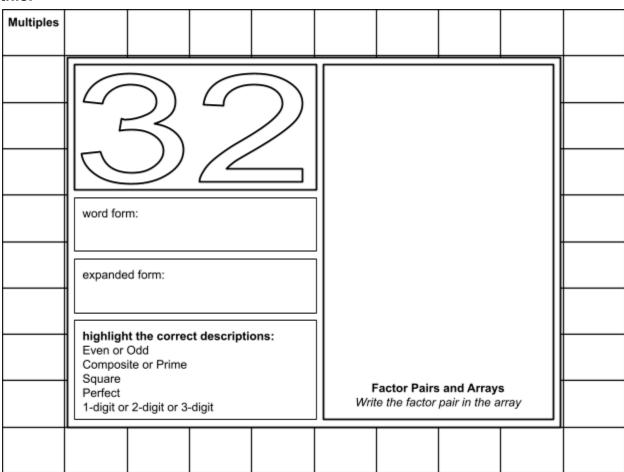
1.	
2.	
3.	

Complete each sentence with a word from the word bank below.

composite number	odd	even	factors	prime	square
one-digit	expression	equation	inequality	two-digit	factor pair

1.	Numbers ending in 0,2,4,6,8, and can be divided into two even groups are
	numbers.
2 .	Numbers ending in 1,3,5,7,9, and cannot be divided into two even groups are
	numbers.
3.	A number that only has one factor pair: one and itself such as 7 is a
	number.
4.	A number with more than one factor pair such as 8 is
5.	A number that makes a square array and has a factor pair with two number
	that are the same is a number.
6.	A number made up of one digit is a number.
7 .	A number made with two-digits is a number.
8.	Two numbers that you multiply to make a specific number are a
9 .	The numbers you multiply to make a certain number are
10.	Numbers, symbols and operations (such as $+$ and \times) grouped together that
	show a value is an Example: 2×3.
11.	An says that two things are equal. It will have an equals
	sign "=" like this.
12.	An says that two values are not equal. a ≠ b says that a is
	not equal to b, $a < b$ says that a is less than b, $a > b$ says that a is greater
	than b.

9/24 Complete the number card below - you may use a calculator to complete this.



Homework Score: Color in the box below that shows how you did with your homework this week.

Ca	tegory	Exceeds Expectations I completed all my work with care and precision and the bonus too.	Meets Expectations I completed all my work with care and precision.	Progressing Towards Expectations I completed some of my work.
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Bonus: Solve the equations below. Write your answer on the line provided. Remember to correctly apply order of operations.

a.
$$(6 \times 8) \div (10 + 2) =$$

b.
$$40 - 22 - 16 \div 8 - 13 =$$

c.
$$2 \times (4 \times 3^2) \div 4 =$$

e.
$$[(3 \times 17) + 9] + (10 \times 4) =$$

Circle the correct rule for each table below. Circle the best answer, A, B, C or D.

Input (Y)	10	6	7	4	9
Output	40	24	28	16	36

$$A. Y \times 4$$

B.
$$Y + 4$$

A.
$$Y \times 4$$
 B. $Y + 4$ C. $Y \times 4 + 11$ D. $Y \times 8 + 9$

D.
$$Y \times 8 + 9$$

$$A.Z \times 7 + 9$$

A.
$$Z \times 7 + 9$$
 B. $Z \times 7 - 11$

C.
$$Z + 7$$
 D. $Z \times 7$

$$D.Z \times 7$$

Complete each table.

y = 7:	x		y = x	8 + 3	
x	у		x	у	
7			9		
4			5		
8			1		
5			2		
6			4		

Make up your own algebraic tables.