BA PASS Correlation:
*BA 2
BA/PASS 1:1
PASS 1:2
BA/PASS 1:3

5E Lesson Model:
1. Engage
2. Explore
3. Explain
4. Elaborate
5. Evaluate

Please label daily how you are using the 5E Model. (You may use the numbers to help label the steps being used.)

Methods of assessment used:
Classwork/Homework and Formal Assessment

Percentage of estimated instruction/learning time weekly:

20 % Direct Instruction/Whole
10% Small Group Instruction
15% Cooperative Learning
15% Individual
25% Worksheet Based

Blooms Taxonomy Levels Targeted: **All**

Differentiated Learning:
Auditory **Visual/Spatial**
Kinesthetic **Logical/Math**
Verbal/Linguistic Musical
Naturalistic Interpersonal
Intrapersonal

Thinking Maps Implemented:

Function Tables

Weekly Lesson Plans

Week of: November 16-20, 2015

Teacher Name : J. Duvall

Grade Level: 5 Title/Unit: Equations, PEMDAS, and Properties

Mon: (1,2,3,4,5) **Book Fair This Week!!!**

- Complete a Warm-up
- Grade/Discuss Assignment from Friday (Pizzazz B-77)
- Review PEMDAS from Wednesday—Practice problems/notes over PEMDAS
- **CW/HW: Workbook Pages 39 and 43**
- I/E: Computer Lab

Tues: (1,2,3,4,5)

- Complete a Warm –up
- Grade/Discuss HW from yesterday
- Full Question and Answer Session over HW from yesterday
- Foldable over Properties (Associative, Distributive, Commutative, Identity)
- Video Clips over Properties
- **CW/HW: Properties Sort**
- I/E: Geo Towns

Wed: (1,2,3,4) RTI Meeting

- Complete a Warm-Up
- Computer Lab—Think Through Math
- Grade/Discuss Properties Sort from yesterday
- Review Distributive Property—Video Clips over Distributive Property
- **CW/HW: Workbook Page 42**
- I/E: Geo Towns

Thurs: (1,2,3,4,5) STEM Night 6:00-8:00 Food Trucks at 5:30

- Complete a Warm-up
- Complete a Warm-up over Distributive Property
- **CW/HW: Algebra Test Review—Work with Partners and Study for Homework**
- I/E: Geo Towns

Fri: (5) Extended PLC Time—Shortened Classes by 15 minutes

- Complete a Warm-up
- Allow time for questions over test review and to work examples together
- **Take Algebra Test**
- CW: Chrome Books—TTM or Moby Max
- **HW: NONE**
- I/E: Personal Best

Distributive Property—"Distributes" the values in a problem to make the problem easier to solve.

Examples:

4 x 53
(4 x 50) + (4 x 3)
200 + 12
212

4 x 27
=4(20 +7)
=4(20) + (7)
=80 + 28
=108

$5(3 + 1) = 5 \times 3 + 5 \times 1$

Associative Property (of multiplication and addition)--The associative property of addition or multiplication is a math rule that is always true. Remember that you always do what's in the parenthesis ( ) first. This rule just says that, when you are doing addition, it doesn't matter which numbers you add first. You can add the a and b first OR you can add the b and c first and you'll get the same answer. You can multiply the a and b first OR you can multiply the b and c first and you'll get the same answer.

$a + (b + c) = (a + b) + c$

$2 + (3 + 4) = (2 + 3) + 4$

$a \times (b \times c) = (a \times b) \times c$

$2 \times (3 \times 4) = (2 \times 3) \times 4$

Commutative Property (of Addition and Multiplication)--Commutative Property of Addition: It states that changing the order of addends does not change the sum. Subtraction and Division are not commutative. Commutative Property of Multiplication: It states that changing the order of factors does not change the product.

Examples:

$a + b = b + a.$
$a \times b = b \times a.$
$2 + 3 = 3 + 2.$ Whether you add 3 to 2 or you add 2 to 3, you get 5 both ways.
$4 \times 7 = 7 \times 4$ Whether you multiply 4 by 7 or you multiply 7 by 4, the product is the same, 28.

Properties Sort Name: _____

Associative Property of Multiplication
Commutative Property of Multiplication
Identify Property of Multiplication
Zero Property of Multiplication
Distributive Property

4 x 27 =4(20 +7)	33 x 0 = 0
5 x (20 x 9) = (5 x 20) x 9	40 x 8 = 8 x 40
(635 x 47) x 0 = 0	(9 x 6) x 4 = 9 x (6 x 4)
75 x 42 = 42 x 75	87 X 7 = (90-3) X 7
65 x 1 = 65	45 X 6 = 6 X 45
8 x (5 x 4) = (8 x 5) x 4	1,037 x 1 = 1,037
4 x 53 = (4 x 50) + (4 x 3)	9 x 0 = 0

Algebra Test Review ☺

Please also review your math spiral, math textbook (pages 164-167, 124-125, and 128-129)

Name: _____

Number: _____

Solve for the variable.

1. $y - 5 = 0$ y= _____

2. $7 + y = 12$ y= _____

3. $8 + y = 11$ y= _____

4. $y - 9 = 12$ y= _____

5. Isaiah earns $8 for every cup he sells. Fill out the function table if he sells 12, 13, and 14 cups. Use g for the input variable and y for the output variable.

6. Solve using PEMDAS: $7 + (10-1) \div 3 + 5$

7. Write an equation for $60 split among 3 friends. Use f for your variable.

_____

8. Abby has a coupon for $8 off the price of an item. If k represents the original price of a shirt, write an expression that tells Abby's cost when she uses the coupon.

_____

9. Mrs. Batten has 42 yards of fabric. She uses 8 yards for a project and then buys 4 more yards from the fabric store. Write a number sentence can be used to show the amount of fabric she has left.

_____

Write an algebraic expressions for each of the following (use n for your variable):

10. four times a number, plus 12

_____

11. seven less than a number times 3

_____

12. fourteen minus three times a number

_____

Divide using Standard Algorithm:

13. $5,456 \div 24 =$

Divide using Compatible Numbers:

14. $3,527 \div 72 =$

15. Finish the Function Table:

b	7b + 8 = m	m
2		
3		
4		

16. One of the American lizard's favorite foods is ants. It can eat up to 60 ants per minute. How long would it take it to eat 540 ants?

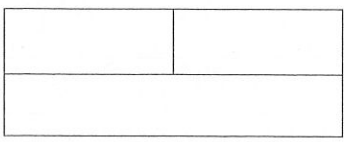
17. Solve. 12/n if n = 4. _____

18. Show an equation that models Distributive Property.

_____

19. Fill in the part-part-whole diagram to represent the following equation:

H – 15 = y



Write an integer that represents the following situations:

20. Jen earned 9 points. ____

21. I dropped off 17 friends. ____

22. Solve using standard algorithm

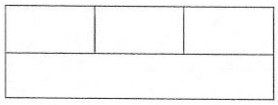
4,442 ÷ 19 =

23. Suzanne bought 4 boxes of cookies for a party. Each box contained 75 cookies. Write a number sentence that could be used to find out how many cookies were left if 3 dozen were eaten at the party.

24. Review the Order of Operations Diagram in your math spiral. Make sure you understand what each operation is.

25. Fill in the multiplication diagram to match the following equation:

3b = 90



Solve using standard algorithm (decimal must be very clear in your final answer).

26. 8.6 X 2.7 =

27. 24.6 ÷ 8.2 =

28. Fill in the missing blanks regarding the Distributive Property:

87 X 30 = 30 (____ - 3)

= (30 X 90) - (30 X ____)

= _____ - _____

= _____