BA/PASS:
BA2, BA7, PASS 4:2

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:

None

Weekly Lesson Plans
Week of: October 19-23, 2015

Teacher Name : J. Duvall

Grade Level: **5** Title/Unit: Rounding with Decimals and Whole Numbers (including word problems) and Coordinate Grids

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Mon: (1,2, 3, 4, 5)
- Stretch in Spirals
- Go over/Discuss Divisibility Rules from Tuesday
- Introduce Rounding with Whole Numbers
- Rounding PowerPoint
- CW/HW: Pizzazz A-30

Tues: (1, 2,3, 4, 5)
- Stretch in Spirals
- Go over/Discuss Pizzazz A-30
- Introduce Rounding within Multiplication (notes over when and what place to round to)
- CW/HW: WorkBook P. 16

Wed: (2,3,4)
- Stretch in Spirals
- Go over/Discuss WB p. 16 (thorough Q&A session for difficult problems)
- Computer Lab (TTM or Links)
- NO HW

Thurs: (1,2,3,4,5)
- Stretch in Spirals
- Review Decimal Place Value and Rules for Rounding when decimals are involved.
- Rounding with Decimals and Money Assignment
- CW/HW: Decimal Roundup worksheet with word problems 1-6 printed on the back

Fri: (1,2,3,4,5)
- Stretch in Spirals
- Discuss origin, x and y axis, plot, and ordered pair
- CW/HW: 4-Quadrant Coordinate Grids

Why Don't Many Barbers Join the Army?

Estimate each sum or difference. Circle the letter of the better choice. Write this letter in the box containing the number of the exercise.

1. 83 + 39
- (D) about 100
- (E) about 120

2. 34 + 57
- (I) about 90
- (B) about 120

3. 91 – 62
- (L) about 50
- (O) about 30

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4. 47 + 252
- (G) about 260
- (T) about 300

5. 758 – 19
- (U) about 710
- (A) about 740

6. 517 + 184
- (Y) about 700
- (N) about 900

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7. 925 – 306
- (K) about 400
- (E) about 600

8. 1,892 – 721
- (P) about 1,500
- (H) about 1,200

9. 288 + 4,109
- (O) about 4,400
- (V) about 4,800

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10. 336 + 580 + 127
- (I) about 1,000
- (D) about 1,300

11. 8,195 + 7,606
- (L) about 13,000
- (E) about 16,000

12. 9,130 – 5,799
- (R) about 3,000
- (W) about 1,000

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13. 45,307 – 1,853
- (C) about 40,000
- (T) about 43,000

14. 29,974 – 6,838
- (H) about 23,000
- (R) about 26,000

15. 3,710 + 8,926 + 5,235
- (N) about 18,000
- (L) about 22,000

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16. $7.84 + $9.15
- (P) about $14
- (F) about $17

17. $18.58 – $6.63
- (S) about $10
- (J) about $12

18. $1.98 + $22.09 + $4.67
- (R) about $29
- (D) about $32

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19. Valley Video owns 1,714 video tapes. Of these, 288 are rented out. About how many are not rented out?

(B) about 1,200 (C) about 1,400

20. Dinner costs $28.35. Tax and tip together add $6.83. About how much change should you get from a $50 bill?

(S) about $12 (H) about $15

4	14	11	6		17	9	2	15		13	8	1		20	5	10	18		16	3	12	19	7

* Round all numbers to the highest place value of the smallest number. Then Add or Subtract.

1. 765 + 34 = (tens, tens)

770 + 30

800

2. 2,322 - 486 = (Hund., Hund.)

2,300 - 500

1,800

3. 81 + 2,456 =

80 + 2,460

2,540

4. 922 - 17 =

920 - 20

900

* Round each number to it's own highest place value.

* Do NOT round single-digit numbers.

* remember mental x math!

1. 522 X 16 =

500 X 20

10,000

2. 5 X 992 =

5 X 1000

5000

3. 22 X 85,992

20 X 90,000

1,800,000

4. 663 X 12 =

700 X 10

7000

Practice 3-3

Estimating Products

Estimate each product.

1. $68 \times 21 =$ _____

2. $5 \times 101 =$ _____

3. $151 \times 21 =$ _____

4. $99 \times 99 =$ _____

5. $87 \times 403 =$ _____

6. $19 \times 718 =$ _____

7. $39 \times 51 =$ _____

8. $47 \times 29 \times 11 =$ _____

9. $70 \times 27 =$ _____

10. $69 \times 21 \times 23 =$ _____

11. $7 \times 616 =$ _____

12. $8{,}880 \times 30 =$ _____

13. **Number Sense** Give three numbers whose product is about 9,000.

_____

14. About how much would it cost to buy 4 CD/MP3 players and 3 MP3 players?

_____

Electronics Prices

CD player	$ 74.00
MP3 player	$ 99.00
CD/MP3 player	$199.00
AM/FM radio	$ 29.00

15. Which is the closest estimate for the product of $2 \times 19 \times 5$?

A 1,150 B 200 C 125 D 50

16. **Explain It** Explain how you know whether an estimate of a product is an overestimate or an underestimate.

_____

_____

_____

_____

Name _____ Rounding decimals

Halloween Roundup

Mr. Grimly, a math teacher at Weirdly Elementary, has set up a haunted house in his classroom. In order to enter it, students must uncover a secret password. First, read Mr. Grimly's review on how to round decimals. Then follow the directions below. When you're finished, the secret password will be revealed on the ticket! Happy h(a)unting!

To round a decimal to a given place, look at the digit to the right of that place:

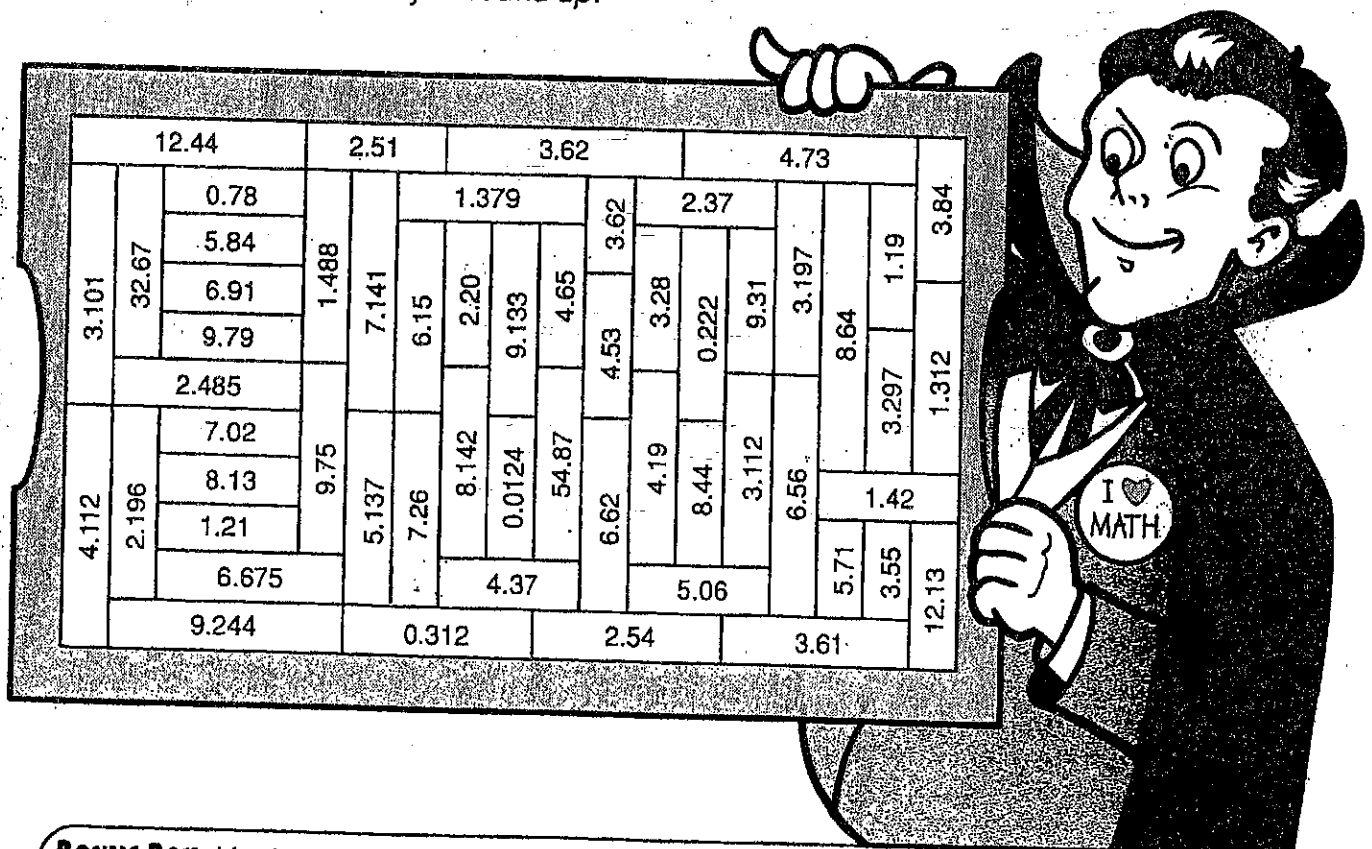
- If the digit is 4 or less, round *down*.
- If the digit is 5 or more, round *up*.

Examples

Round 1.474 to the nearest tenth.
Should 1.474 be rounded up to 1.5 or down to 1.4?
1.474 should be rounded up to 1.5.
Why? The digit to the right of the tenths place is 7.

Round 3.72 to the nearest tenth.
Should 3.72 be rounded up to 3.8 or down to 3.7?
3.72 should be rounded down to 3.7.
Why? The digit to the right of the tenths place is 2.

Directions: Round each decimal to the nearest tenth. Use an orange crayon or marker to color the box of each decimal that you *round up*.



Bonus Box: List the ten largest decimals (from greatest to least) that are in the boxes that you didn't color. Hint: The largest one is 12.44.

Name:

Objective 1 **TAKS Grade 5 Mathematics** TEKS 5.4A

The student is expected to round whole numbers and decimals through tenths to approximate reasonable results in problem situations.

(1) Three towns in the Texas Valley have populations of 11,646 people, 5,119 people, and 5,933 people. Which is the best estimate of the total population of these three towns?

A 20,000
B 21,000
C 22,000
D 23,000

(2) The tennis team participated in 2 tournaments last week. They drove 102.3 miles to the first tournament. Then they drove 218.9 miles to the second tournament. Finally they drove 289.7 miles back home. Which is the best estimate of how many miles the tennis team drove altogether?

Record your answers in the boxes below. Then fill in the bubbles. Be sure to use the correct place value.

⓪	⓪	⓪	
①	①	①	
②	②	②	
③	③	③	
④	④	④	
⑤	⑤	⑤	
⑥	⑥	⑥	
⑦	⑦	⑦	
⑧	⑧	⑧	
⑨	⑨	⑨	

(3) Trisha spends between $12 and $16 each week on lunch in the school cafeteria. Which could be the total amount of money she will spend during a trimester that lasts 12 weeks?

A $120
B $160
C $350
D $500

(4) Perry's Popcorn Company sold bags of popcorn at the circus. The chart shows how many pounds of popcorn were popped for the three performances.

Pounds of Popcorn Popped

Day of Performance	Number of Pounds of Popcorn
Thursday	6.2
Friday	10.8
Saturday	7.9

Which is the best estimate of the total number of pounds of popcorn popped?

A 23
B 24
C 25
D 26

(5) A football team had 5,574 miniature footballs to give away to children who attended the last game of the season. The total number of children at the game was between 4,900 and 5,200. Which is a reasonable total number of miniature footballs that were left over?

A 900
B 600
C 300
D 200

(6) Alfred can bicycle around the lake bicycle trail in 37.3 to 41.8 minutes. Which is a reasonable total number of minutes it will take him to bicycle around the trail 8 times?

A 460 min
B 410 min
C 320 min
D 230 min

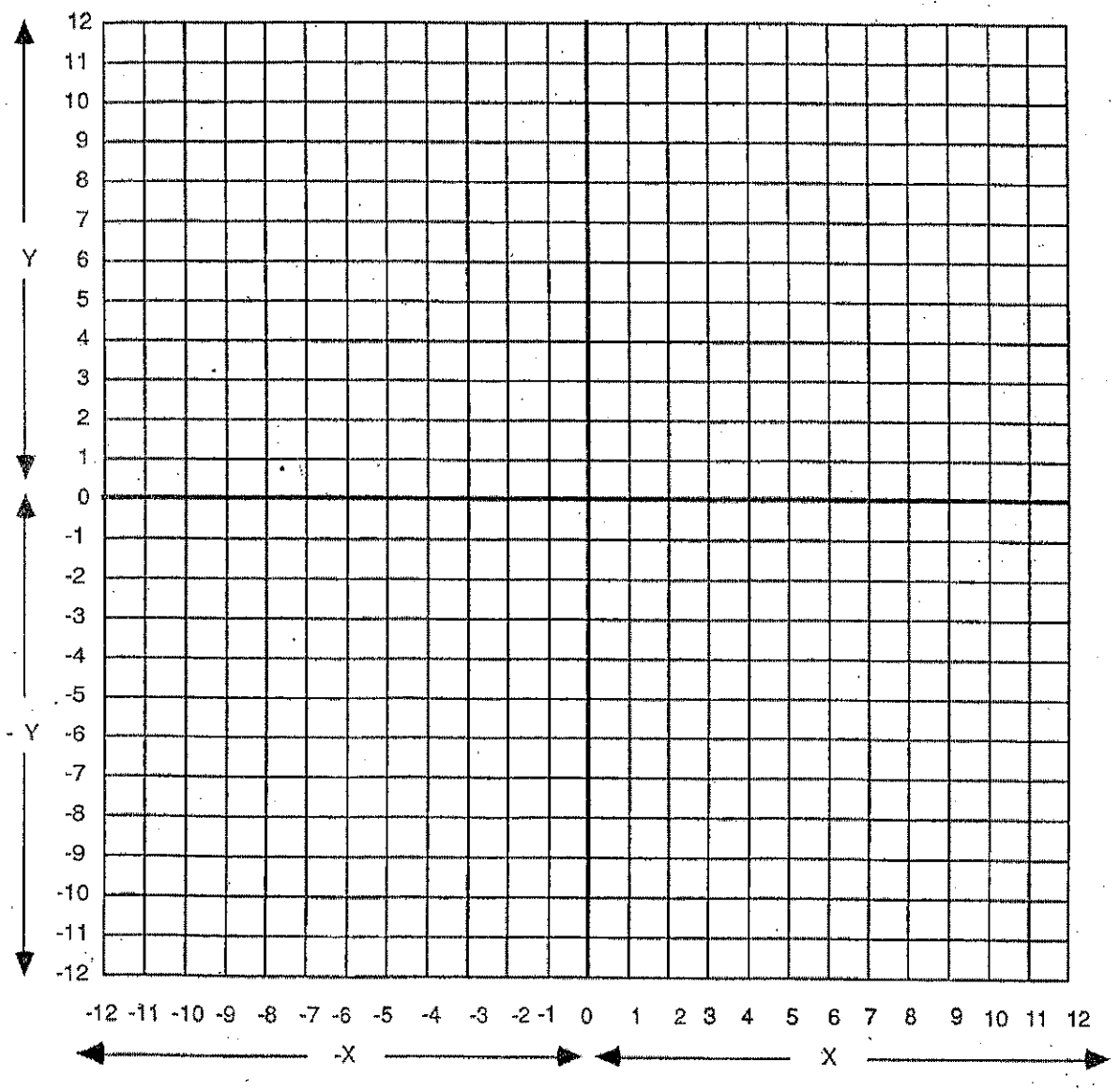
GRAPHITI

Student's Name _____ 14A

Class _____ Date _____

Locate the following points on the graph below and connect them in order with straight line segments. Do not connect points separated by the word "STOP."

(X,Y) = (-1,6), (-1,8), (0,10), (2,11), (3,10), (1,9), (1,6), (4,7), (5,7), (7,6), (9,4), (10,2), (11,-1), (11,-3), (10,-6), (8,-8), (5,-10), (2,-11), (-2,-11), (-5,-10), (-8,-8), (-10,-6), (-11,-3), (-11,-1), (-10,2), (-9,4), (-7,6), (-5,7), (-4,7), (-1,6), (1,6) STOP (-4,3), (-6,1), (-5,0), (-4,0), (-4,1), (-3,1), (-3,0), (-2,0), (-1,1), (-4,3) STOP (4,3), (1,1), (2,0), (3,0), (3,1), (4,1), (4,0), (5,0), (6,1), (4,3) STOP (0,0), (-2,-3), (2,-3), (0,0) STOP (-8,-4), (-4,-8), (-3,-7), (-2,-7), (-1,-8), (0,-7), (1,-8), (2,-7), (3,-7), (4,-8), (8,-4), (5,-4), (4,-5), (3,-5), (2,-4), (1,-5), (0,-4), (-1,-5), (-2,-4), (-3,-5), (-4,-5), (-5,-4), (-8,-4).



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