



PACK	LEVEL	WEEK
4	D	31

ANSWER KEY

WORDY WEDNESDAY

Pack 4

Riddle Puzzles • Fill-in-the-Blank • Who Am I? • Split Decision • More or Less



Name: _____

RIDDLE PUZZLES

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Use number names to solve the riddle!

Step-by-step examples at:
gregtangmath.com/tutorials

The Statue of Liberty is located on what island?

 ₁ ₂ ₃ ₄

1. One side of a rectangle is 5 times the length of another side. The difference in their lengths is 32 feet. What is the rectangle's perimeter?

 What is the **second** letter in your answer? ₁

2. One side of a rectangle is 3 times the length of another side. The difference in their lengths is 14 feet. What is the rectangle's area?

 What is the **third** letter in your answer? ₂

3. One side of a rectangle is 4 times the length of another side. The rectangle's area is 196 square feet. What is the rectangle's perimeter?

 What is the **sixth** letter in your answer? ₃

4. One side of a rectangle is 2 times the length of another side. The rectangle's perimeter is 30 feet. What is the rectangle's area?

 What is the **fifth** letter in your answer? ₄

Name: _____

WHO AM I?

Use the clue to figure out the answer.
Then write your answer in the box.

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Step-by-step examples at:
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I am between 15×20 and $644 \div 2$. I am a multiple of 9. I am odd. Who am I?

315

The sum of my digits is 13. I am even. I am less than $1/2$ of 194. I am greater than $100 - 12 \times 4 + 28$.

94

SPLIT DECISION

Choose the correct answer for each question below.

Apples are \$.75 each. Mozzarella sticks are \$1.10 each. Chocolates are \$.25. Which costs less?

___ 3 apples; 2 mozzarella sticks; and 3 chocolates

X 2 apples; 2 mozzarella sticks; and 5 chocolates

Who read the shorter amount of time?

X Mark read for 1 hour and 50 minutes on Tuesday and from 7:45 pm to 8:33 pm on Wednesday.

___ Jen read for 130 minutes on Tuesday and a half hour on Wednesday.

Name: _____

FILL IN THE BLANK

For each problem, use the numbers from the bank to make the statement correct.

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3 5 31

In the basketball game, Jason scored 5 three-point shots. He scored 3 more two-point shots than three-point shots. Jason scored 31 points in all.

3 6 75

Under the couch cushions, Lisa found 3 dimes. She found 6 more nickels than dimes. Lisa found 75 cents in all.

Challenge Problem:

4 7 10

At the store, Jonathan bought 7 10¢ candies. He bought 4 more 20¢ candies than 10¢ candies. Jonathan's change back from three dollars was 10 cents.

Name: _____

MORE OR LESS

Use reasoning and computational skills to complete the table and the graph.

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Clues:

There are half as many chickens as pigs.

Together, there are 60 geese and pigs.

There are 12 more birds than mammals.

In the graph, the ducks have 1 more X than the pigs.

There are three times as many ducks as cows.

farm animals	number
cows	12
pigs	32
horses	24
ducks	36
chickens	16
geese	28

			X		
	X		X		
	X		X		X
	X	X	X		X
	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X
cows	pigs	horses	ducks	chickens	geese
	<i>mammals</i>			<i>birds</i>	

X = 4 farm animals