



PACK	LEVEL	WEEK
4	F	29

ANSWER KEY

# WORDY WEDNESDAY

## Pack 4

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



Name: \_\_\_\_\_

WORDY WEDNESDAY™

# RIDDLE PUZZLES

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Use number names to solve the riddle!

Step-by-step examples at:  
[gregtangmath.com/tutorials](http://gregtangmath.com/tutorials)

## What time do ducks wake up?

q u a c k     o f     d a w n  
1                          2                          3                          4

1. Tate has one-third as much money as Gwen. Gwen gives Tate \$17. Now Gwen has \$2 less than Tate. How much money do Gwen and Tate have in all?

**sixty-four**

What is the **eighth** letter in your answer? u  
1

2. Kat has one-fourth as much money as Julia. Julia spends \$8. Now she has 3 times as much money as Kat. How much did Julia and Kat have to start?

**forty**

What is the **second** letter in your answer? o  
2

3. Ty has one-half as much money as Jack. Jack spends \$10. Now he has the same amount of money as Ty. How much money do Jack and Ty have now in all?

**twenty**

What is the **second** letter in your answer? w  
3

4. Luna has one-third as much money as James. James gives Luna \$7. Now James has \$2 less than Luna. How much money do James and Luna have in all?

**twenty-four**

What is the **fourth** letter in your answer? n  
4

Name: \_\_\_\_\_

## WHO AM I?

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

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I am the number of degrees in one angle of a triangle. The second angle is half my size. The third angle is 35 degrees more than me. What number am I?

58

The sides of a rectangle have a ratio of 3:10. The area of the rectangle is 480. I am the perimeter of that rectangle.

104

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## SPLIT DECISION

Choose the correct answer for each question below.

Who planted a lower percentage of roses?

Kyle planted 15 roses and 22 daisies.

Jenny planted 62 roses and 88 daisies.

What is the value of "z" in the following equation?

$$\left(\frac{5}{9}\right)z = 225$$

405

125

Name: \_\_\_\_\_

# FILL IN THE BLANK

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

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2      12      36

Kathy had 8 times as many apples as Jason. After Jason picked  
\_36\_ more apples, Kathy had \_2\_ times as many apples as Jason.  
Jason had \_12\_ apples to start.

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3      20      80

Shauna had 15 times as many stamps as Vern. After Vern bought  
\_80\_ more stamps, Shauna had \_3\_ times as many stamps as Vern.  
Vern had \_20\_ stamps to start.

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*Challenge Problem:*

2      12      50

Amy had 10 times as much money as Brandon. After Brandon  
earned \_50\_ more dollars, Amy had \_2\_ times as much money as  
Brandon. Brandon had \$ \_12\_.50 to start.

Name: \_\_\_\_\_

# MORE OR LESS

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

Step-by-step examples at: [gregtangmath.com/tutorials](http://gregtangmath.com/tutorials)

**Clues:**

- Together, Mike and Helen picked 90 oranges.
- The ratio of Ruth's oranges to Dean's oranges is 4:3.
- Julia picked one third of the girls' oranges.
- The ratio of girls' oranges to boys' oranges is 9:7.
- Julia's graph has 3 more Xs than Dean's graph.

child	oranges
Ruth	48
Julia	54
Helen	60
Dean	36
Shane	60
Mike	30

		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	X	X	X
X	X	X	X	X	X
<b>Ruth</b>	<b>Julia</b>	<b>Helen</b>	<b>Dean</b>	<b>Shane</b>	<b>Mike</b>
	<i>girls</i>			<i>boys</i>	

X =   6   oranges