



PACK	LEVEL	WEEK
4	E	29

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

WORDY WEDNESDAY

Pack 4

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



Name: _____

RIDDLE PUZZLES

PACK	LEVEL	WEEK
4	E	29

Use number names to solve the riddle!

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

Why did the chicken get in trouble?

1 2 _____ _____ 3 4 _____

1. A rectangle has a side that is 10 feet and another side that is one-half that length. A square has a perimeter of 48 feet. How much greater is the area of the square than the area of the rectangle?

_____ What is the **seventh** letter in your answer? 1

2. A rectangle has a side that is 12 feet and another side that is two-thirds that length. A square has a perimeter of 40 feet. How much greater is the area of the square than the area of the rectangle?

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

3. A rectangle has a side that is 12 feet and another side that is five-fourths that length. A square has a perimeter of 56 feet. How much greater is the area of the square than the area of the rectangle?

_____ What is the **seventh** letter in your answer? 3

4. A rectangle has a side that is 8 feet and another side that is one-half that length. A square has a perimeter of 44 feet. How much greater is the area of the square than the area of the rectangle?

_____ What is the **third** letter in your answer? 4

Name: _____

WHO AM I?

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

PACK	LEVEL	WEEK
4	E	29

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

I am half way between $\frac{3}{15}$ and $\frac{2}{15}$. My numerator and denominator have a difference of 75 and a product of 1350. Who am I?

I'm the number of fluid ounces left after removing 2 quarts, 1 pint, and 3 cups from a gallon.

SPLIT DECISION

Choose the correct answer for each question below.

Use logic to determine which statement is true about the following problem:

$$\frac{7}{10} + \frac{10}{7}$$

___ The answer is greater than 2.

___ The answer is less than 2.

Which could be the dimensions of a right rectangular prism with a volume of 3575?

___ 25 x 11 x 13

___ 23 x 12 x 14

Name: _____

FILL IN THE BLANK

PACK	LEVEL	WEEK
4	E	29

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

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

56 70 82

The girls ate $\frac{4}{7}$ of the ____ cookies they baked. The boys ate $\frac{3}{4}$ of the ____ cookies they baked. All together, they ate ____ cookies.

28 45 72

Jill gave away $\frac{2}{9}$ of her \$____ earnings. Michael gave away $\frac{4}{15}$ of his \$____ earnings. Together they gave away \$____.

Challenge Problem:

4 6 8

So far, Donna has worked $\frac{8}{10}$ of her ____-hour shift, and Ritchie has worked $\frac{4}{9}$ of his ____-hour shift. Together, they have worked 9 hours and ____ minutes.

Name: _____

MORE OR LESS

PACK	LEVEL	WEEK
4	E	29

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

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

Clues:

- Together, Mike and Julia picked 120 oranges.
- Dean picked three times as many oranges as Ruth.
- Julia picked half of the girls' oranges.
- Helen picked $\frac{1}{6}$ of the total number of oranges.
- Dean's graph has 1 fewer X than Julia's graph.

player	oranges
Ruth	
Julia	
Helen	
Dean	72
Shane	
Mike	



X = ___ oranges