PACK	LEVEL	WEEK
4	E	12

Wordy Wednesday

Pack 4

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



Name: _____

RIDDLE PUZZLES

Use number names to solve the riddle!

WORDY WEDNESDAY™		
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Step-by-step examples at:
tangmath.com/puzzles

What bird's grey feathers turn pink from eating shrimp?

_____ _____ _____ _____ _____ _____ _____ _____
1 2 3 4

1. A rectangle has a side that is 8 feet and another side that is 7 feet. A square has a perimeter of 36 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

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2. A rectangle has a side that is 10 feet and another side that is 8 feet. A square has the same perimeter as the rectangle. How much smaller is the area of the rectangle than the area of the square?

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

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3. A rectangle has a side that is 13 feet and another side that is 6 feet. A square has a perimeter that is 18 feet greater than the perimeter of the rectangle. How much greater is the area of the square than the area of the rectangle?

_____ What is the **thirteenth** letter in your answer? ____ 3

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4. A rectangle has a side that is 9 feet and another side that is 7 feet. A square has a perimeter of 64 feet. How much greater is the area of the square than the area of the rectangle?

_____ What is the **first** letter in your answer? ____ 4

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WHO AM I?

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

Step-by-step examples at:
tangmath.com/puzzles

I am between 17 x 3 and 126 ÷ 2. I am a multiple of both 4 and 7. Who am I?

The area of a square is 45 more than its perimeter. I am one side of that square. Who am I?

SPLIT DECISION

Choose the correct answer for each question below.

Use estimation to choose the expression that has a product closer to 250:

___ 4.85 x 51.24

___ 52.8 x 47.2

Which shape has a larger area?

___ a triangle with a base of 18 and a height of 6

___ a rectangle with sides of 18 and 3.1

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FILL IN THE BLANK

Use the numbers from the number bank to fill in the blanks.

Step-by-step examples at:
tangmath.com/puzzles

1/7 2/7 3/7 5/7

James ate _____ of a pie. Lenny ate _____ of the same pie. Lenny ate _____ more than James. Together they ate _____ of the pie.

2/10 5/10 7/10 9/10

Jane did _____ of her math problems on Monday and _____ of them on Tuesday. She did _____ more on Monday than on Tuesday. All together, Jane did _____ of her math problems.

Challenge Problem:

2/8 3/8 4/8 7/8

Samantha jogged _____ of a mile and Jarod jogged _____ of a mile. Jarod jogged _____ more than Samantha. Together, they jogged one and _____ miles.

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MORE or LESS

Use the chart to answer the questions..

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Step-by-step examples at:
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Luna*	X	X	X	X	X	X	X	X		
Jane*	X	X	X	X	X	X	X	X	X	X
Paul**	X	X	X	X	X	X	X	X	X	
Ryan**	X	X	X	X	X					

X = ___ books Group A* Group B**

_____ 1. Luna read 48 books. How many books did Paul read?

_____ 2. How many more books did Group A read than group B?

_____ 3. Ryan read ___ as many books as Jane.

_____ 4. Luna read what fraction of the total number of books?

_____ 5. If Luna read 24 more books, Luna would have read what fraction of the total number of books?

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