PACK	LEVEL	WEEK
4	E	13

ANSWER KEY

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!

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

What bird can see 270 degrees without moving its head?

t	u	r	k	e	y
1		2		3	4

1. A rectangle has a side that is 7 feet and another side that is 5 feet. A square has a perimeter that is 20 feet greater than the perimeter of the rectangle. How much greater is the area of the square than the area of the rectangle?

   eighty-six What is the **fifth** letter in your answer? **t** (1)

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2. A rectangle has a side that is 8 feet and another side that is 4 feet. A square has a perimeter of 32 feet. How much greater is the area of the square than the area of the rectangle?

   thirty-two What is the **fourth** letter in your answer? **r** (2)

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3. 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?

   one What is the **third** letter in your answer? **e** (3)

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4. A rectangle has a side that is 8 feet and another side that is 5 feet. A square has a perimeter that is 10 feet greater than the perimeter of the rectangle. How much greater is the area of the square than the area of the rectangle?

   forty-one What is the **fifth** letter in your answer? **y** (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 15 x 7 and 226 ÷ 2. I am a multiple of both 7 and 8. Who am I?

112

The area of a square is 96 more than its perimeter. I am one side of that square. Who am I?

12

SPLIT DECISION

Choose the correct answer for each question below.

Use estimation to choose the expression that has a product closer to 150:

_X_ 5.12 x 30.247

___ 5.52 x 298.62

Which shape has a larger area?

_X_ a triangle with a base of 31 and a height of 18

___ a rectangle with sides of 31 and 8.9

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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

2/9 3/9 5/9 7/9

Mary ate _2/9_ of a cake. Joe ate _5/9_ of the same cake. Joe ate _3/9_ more than Mary. Together they ate _7/9_ of the cake.

3/15 5/15 8/15 13/15

Mason did _8/15_ of the things on his to-do list on Monday and _5/15_ of them on Tuesday. He did _3/15_ more on Monday than on Tuesday. All together, Mason did _13/15_ of the things on his to-do list.

Challenge Problem:

3/12 5/12 7/12 10/12

Lewis walked _7/12_ of a mile and Tina walked _10/12_ of a mile. Tina walked _3/12_ more than Lewis. Together, they walked one and _5/12_ 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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Wade*	X	X	X	X	X	X	X			
John*	X	X	X	X	X	X	X	X		
Sloan**	X	X	X	X	X	X	X	X	X	
Ruby**	X	X	X	X						

X = _3_ pencils Group A* Group B**

_24_ 1. Wade has 21 pencils. How many pencils does John have?

_6_ 2. How many more pencils does Group A have than Group B?

_1/2_ 3. Ruby has ___ as many pencils as John.

_1/4_ 4. Wade has what fraction of the total number of pencils?

_1/5_ 5. If Wade gave away 3 of his pencils, and Sloan got 9 more pencils, Wade would have what fraction of the total number of pencils?

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