PACK	LEVEL	WEEK
4	E	3

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 always begins with capital letters?

p	r	o	p	e	r		n	o	u	n	s
	1	2		3	4						

1. One side of a rectangle is 2 times the length of another side. The difference in their lengths is 6 feet. What is the rectangle's perimeter?

   thirty-six What is the **fourth** letter in your answer? **r** (1)

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2. One side of a rectangle is 2 times the length of another side. The difference in their lengths is 6 feet. What is the rectangle's area?

   seventy-two What is the **tenth** letter in your answer? **o** (2)

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3. One side of a rectangle is 4 times the length of another side. The rectangle's area is 400 square feet. What is the rectangle's perimeter?

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

---

4. One side of a rectangle is 3 times the length of another side. The rectangle's perimeter is 56 feet. What is the rectangle's area?

   one hundred forty-seven What is the **eighth** letter in your answer? **r** (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 14 x 15 and 470 ÷ 2. I'm a multiple of 7. My digits are all even. Who am I?

224

I am more than a gross. I am less than the number of days in ½ year. The product of my digits is 21.

173

SPLIT DECISION

Choose the correct answer for each question below.

Necklaces are $12.50. Headbands are $3.85. Scarves are $7.50
Which costs more?

___ 3 necklaces, 4 headbands, and 5 scarves

_X_ 6 headbands, 4 scarves, and 3 necklaces

Who spent less time swimming?

_X_ Mark swam from 2:30 p.m. until 4:08 p.m. on Sat. and for 2 1/2 hours on Sun.

___ Sam swam from 1:45 p.m. until 3:08 p.m. on Sat. and for twice that long on Sun.

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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

Number Bank:

3 5 31

In the basketball game, Jill scored _5_ three-point shots. She scored _3_ more two-point shots than three-point shots. Jill scored _31_ points in all.

Number Bank:

3 6 75

Under the couch cushions, Ling found _3_ dimes. She found _6_ more nickels than dimes. Ling found _75_ cents in all.

Challenge Problem:

Number Bank:

4 7 10

At the store, Jonah bought _7_ candies that cost 10¢. He bought _4_ more 20¢ candies than 10¢ candies. Jonah's change back from three dollars was _10_ cents.

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MORE or LESS

Use the chart to answer the questions..

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

owls	X	X	X	X	X					
blue jays	X	X	X	X						
bees	X	X	X	X	X	X				
ants	X	X	X	X	X	X	X	X	X	X

X = __4__ animals

_24_ 1. There are 20 owls. How many bees?

_36_ 2. How many birds?

_2/5_ 3. The ants are what fraction of the total number of animals?

_1/3_ 4. If 4 ants were removed, and 4 blue jays and 8 owls were added, the ants would be what fraction of the total number of animals?

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