PACK	LEVEL	WEEK
4	E	2

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

Who makes our nation's laws?

c	o	n	g	r	e	s	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 8 feet. What is the rectangle's perimeter?

   forty-eight What is the **second** letter in your answer? **o** (1)

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2. One side of a rectangle is 3 times the length of another side. The difference in their lengths is 14 feet. What is the rectangle's area?

   one hundred forty-seven What is the **second** letter in your answer? **n** (2)

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3. One side of a rectangle is 2 times the length of another side. The rectangle's area is 72 square feet. What is the rectangle's perimeter?

   thirty-six What is the **fourth** letter in your answer? **r** (3)

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4. One side of a rectangle is 3 times the length of another side. The rectangle's perimeter is 48 feet. What is the rectangle's area?

   one hundred eight What is the **third** letter in your answer? **e** (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 18 x 15 and 590 ÷ 2. I am a multiple of 9. My digits are all even. Who am I?

288

I am more than 9 dozen. I am less than the number of days in 4 months. The sum of my digits is 11.

119

SPLIT DECISION

Choose the correct answer for each question below.

Apples are $.75 each. Mozzarella sticks are $1.10 each. Chocolates are$.25. Which costs less?

___ 3 apples; 2 mozzarella sticks; and 3 chocolates

_X_ 2 apples; 2 mozzarella sticks; and 5 chocolates

Who read the shorter amount of time?

_X_ Mark read for 1 hour and 50 minutes on Tuesday and from 7:45 pm to 8:33 pm on Wednesday.

___ Jen read for 130 minutes on Tuesday and a half hour on Wednesday.

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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:

2 4 42

In one afternoon, James caught _4_ six-pound fish. He caught _2_ more three-pound fish than six-pound fish. James caught _42_ pounds of fish in all.

Number Bank:

2 5 85

On top of the dryer, Nina found _5_ dimes. She found _2_ more nickels than dimes. Nina found _85_ cents in all.

Challenge Problem:

Number Bank:

2 3 5

At the gift store, Jane bought _3_ gifts that cost $5. She bought _2_ more $2 gifts than $5 gifts. Jane's change back from thirty dollars was _5_ dollars.

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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

apples	X X X X X	X X X
oranges	X X X X X	X X X X X
potatoes	X X X X X	X X
carrots	X X X X X	

X = __8__ fruits or vegetables

_56_ 1. There are 64 apples. How many potatoes?

_144_ 2. How many fruits?

_1/6_ 3. The carrots are what fraction of the total number of fruits and vegetables?

_1/7_ 4. If 8 carrots and 8 apples were removed, the carrots would be what fraction of the total number of fruits and vegetables?

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