PACK	LEVEL	WEEK
4	E	4

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!

WORDY WEDNESDAY™		
PACK	LEVEL	WEEK
4	E	4

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

What makes your hands feel warm when you rub them together?

f	r	i	c	t	i	o	n
1	2	3		4			

1. One side of a rectangle is 2 times the length of another side. The difference in their lengths is 9 feet. What is the rectangle's perimeter?

   fifty-four What is the **first** letter in your answer? **f** (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 **eighth** letter in your answer? **r** (2)

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3. One side of a rectangle is 3 times the length of another side. The rectangle's area is 192 square feet. What is the rectangle's perimeter?

   sixty-four What is the **second** letter in your answer? **i** (3)

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4. One side of a rectangle is 2 times the length of another side. The rectangle's perimeter is 36 feet. What is the rectangle's area?

   seventy-two What is the **sixth** letter in your answer? **t** (4)

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PACK	LEVEL	WEEK
4	E	4

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 17 and 510 ÷ 2. I am a multiple of 7. I am even. Who am I?

252

I am an even number. I am between the number of years in 4 score and the number of years in a century. The product of my digits is 72.

98

SPLIT DECISION

Choose the correct answer for each question below.

Roses are $1.80. Tulips are $1.60. Daisies are $.75. Which costs more?

_X_ 12 roses, 7 tulips, and 8 daisies

___ 8 daisies, 10 tulips, and 9 roses

Gina and Jill volunteered at the daycare center. Who volunteered longer?

_X_ Gina volunteered from 8:00 am until 10:10 am on Saturday and 1 1/2 hours on Sunday.

___ Jill volunteered for 2 hours and 20 minutes on Saturday and half that long on Sunday.

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PACK	LEVEL	WEEK
4	E	4

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 84

From her garden, Marsha picked _5_ 4-pound pumpkins. She picked _3_ more 8-pound pumpkins than 4-pound pumpkins. Marsha picked _84_ pounds of pumpkins in all.

Number Bank:

2 4 160

In his jacket pocket, Jeff found _4_ quarters. He found _2_ more dimes than quarters. Jeff found _160_ cents in all.

Challenge Problem:

Number Bank:

3 5 9

At the thrift store, Brad bought _3_ items that cost $5. He bought _5_ more $7 items than $5 items. Brad's change back from eighty dollars was _9_ dollars.

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MORE or LESS

Use the chart to answer the questions..

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PACK	LEVEL	WEEK
4	E	4

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

cars	X X X X X	X X X X X	X X
trucks	X X X X X	X X	
bicycles	X X X X X		
motorcycles	X X X X		

X = __5__ vehicles

_25_ 1. There are 60 cars. How many bicycles?

_95_ 2. How many 4-wheel vehicles?

_1/7_ 3. The motorcycles are what fraction of the total number of vehicles?

_1/6_ 4. If 5 motorcycles and 5 bicycles were added, the motorcycles would be what fraction of the total number of vehicles?

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