PACK	LEVEL	WEEK
4	E	8

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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PACK	LEVEL	WEEK
4	E	8

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

What is the tallest living organism?

r	e	d	w	o	o	d		t	r	e	e
1				2	3					4	

1. A rectangle has an area of 48 square feet and a perimeter of 32 feet. The longer side of the rectangle is how many times its shorter side?

three What is the **third** letter in your answer? **r** (1)

---

2. A rectangle has an area of 36 square feet and a perimeter of 30 feet. The longer side of the rectangle is how many times its shorter side?

four What is the **second** letter in your answer? **o** (2)

---

3. A rectangle has an area of 72 square feet and a perimeter of 36 feet. The longer side of the rectangle is how many times its shorter side?

two What is the **third** letter in your answer? **o** (3)

---

4. A rectangle has an area of 20 square feet and a perimeter of 24 feet. The longer side of the rectangle is how many times its shorter side?

five What is the **fourth** letter in your answer? **e** (4)

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PACK	LEVEL	WEEK
4	E	8

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 20 and 780 ÷ 2. I am a multiple of 9. I am even. Who am I?

378

The sum of my digits is 14. I am odd. I am less than 3/5 of 160. I am greater than 104 - 12 x 4 + 23.

95

SPLIT DECISION

Choose the correct answer for each question below.

Apples are $.85. Pretzels are $1.25. Chocolates are 5 for $1.00. Which option costs more?

_X_ 3 apples, 8 pretzels, and 5 chocolates

___ 6 pretzels, 10 chocolates, and 4 apples

Who spent more time jogging?

_X_ Katie jogged from 8:15 a.m. until 9:23 a.m. on Saturday and 1 3/4 hours on Sunday.

___ Zach jogged from 7:25 a.m. until 8:22 a.m. on Saturday and twice that long on Sunday.

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PACK	LEVEL	WEEK
4	E	8

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 4 116

In a word game, Chris played _4_ eight-point words. She played _3_ more twelve-point words than eight-point words. Chris scored _116_ points in all.

Number Bank:

6 9 135

In a jar in the attic, Tina found _6_ dimes. She found _9_ more nickels than dimes. Tina found _135_ cents in all.

Challenge Problem:

Number Bank:

2 4 5

At the concession stand, Mr. Lee bought _5_ items that cost $4.

He bought _4_ more $2 items than $4 items. Mr. Lee's change back from forty dollars was _2_ dollars.

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MORE or LESS

Use the chart to answer the questions..

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PACK	LEVEL	WEEK
4	E	8

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

trumpets	X X X X X	X X X
flutes	X X X X X	X X X X X
guitars	X X X X X	X
violins	X X X X	

X = __3__ musical instruments

_18_ 1. There are 24 trumpets. How many guitars?

_54_ 2. How many wind instruments?

_1/7_ 3. The violins are what fraction of the total number of musical instruments?

_1/6_ 4. If 3 trumpets and 3 violins were added, the violins would be what fraction of the total number of musical instruments?

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