PACK	LEVEL	WEEK
4	E	8

Wordy Wednesday

Pack 4

Riddle Puzzles • Fill-in-the-Blank • Who Am I? • Split Decision • More or Less



Name: _____

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

RIDDLE PUZZLES

Use number names to solve the riddle!

What is the tallest living organism?

_ _ _ _ _ _ _ _ _ _ _ _
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?

_____ What is the **third** letter in your answer? ___ 1

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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?

_____ What is the **second** letter in your answer? ___ 2

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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?

_____ What is the **third** letter in your answer? ___ 3

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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?

_____ What is the **fourth** letter in your answer? ___ 4

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WHO AM I?

Use the clue to figure out the answer.
Then write your answer in the box.

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I am between 18 x 20 and 780 ÷ 2. I am a multiple of 9. I am even. Who am I?

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.

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?

___ 3 apples, 8 pretzels, and 5 chocolates

___ 6 pretzels, 10 chocolates, and 4 apples

Who spent more time jogging?

___ 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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FILL IN THE BLANK

Use the numbers from the number bank to fill in the blanks.

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Number Bank:

3 4 116

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

Number Bank:

6 9 135

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

Challenge Problem:

Number Bank:

2 4 5

At the concession stand, Mr. Lee bought ___ items that cost $4.
He bought ___ more $2 items than $4 items. Mr. Lee's change back from forty dollars was ___ dollars.

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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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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 = ____ musical instruments

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

_____ 2. How many wind instruments?

_____ 3. The violins are what fraction of the total number of musical instruments?

_____ 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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