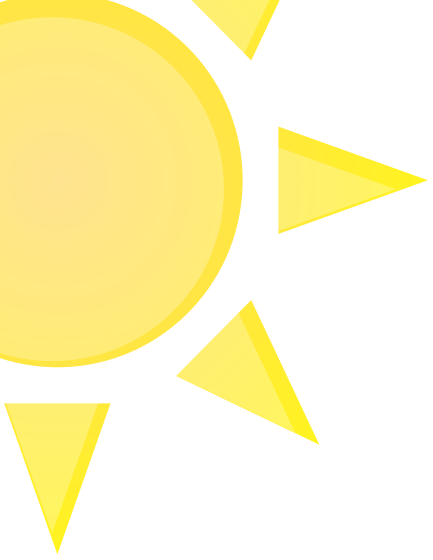




| PACK | LEVEL | WEEK |
|------|-------|------|
| 4    | E     | 1    |

## 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](http://tangmath.com/puzzles)

## What do you call an animal that eats plants?

# h e r b i v o r e

1. One side of a rectangle is 2 times the length of another side. The difference in their lengths is 7 feet. What is the rectangle's perimeter?

**forty-two**

What is the **third** letter in your answer?

$$\frac{r}{1}$$

---

2. One side of a rectangle is 2 times the length of another side. The difference in their lengths is 10 feet. What is the rectangle's area?

**two hundred**

What is the **third** letter in your answer?

$$\frac{0}{2}$$

.....

3. One side of a rectangle is 2 times the length of another side. The rectangle's area is 162 square feet. What is the rectangle's perimeter?

**fifty-four**

What is the **ninth** letter in your answer?

$$\frac{r}{3}$$

---

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?

$$\frac{e}{4}$$

Name: \_\_\_\_\_

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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](http://tangmath.com/puzzles)

I am between  $15 \times 18$  and  $580 \div 2$ . I am a multiple of 9 and I am odd.

279

I am an even number. I am between the number of days in 4 months and the value of 12 dozen. The product of my digits is 18.

136

## SPLIT DECISION

Choose the correct answer for each question below.

Popcorn is \$1.25. A soda is \$.75. A candy bar is \$.55. Which costs more?

\_\_\_ 1 popcorn; 2 sodas; and  
4 candy bars

X 2 popcorns; 2 sodas; and  
2 candy bars

Mike and Jack are training for a marathon. Who ran the shorter amount of time over the weekend?

X Mike ran for 2 hours and 45 minutes on Saturday and from 7:42 a.m. to 8:36 a.m. on Sunday.

\_\_\_ Jack ran for 1 hour and 15 minutes on Saturday and twice that long on Sunday.

Name: \_\_\_\_\_

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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](http://tangmath.com/puzzles)

Number Bank:

3      5      49

In a trivia game, Joey answered   3   three-point questions. He answered   5   more five-point questions than three-point questions. Joey scored  49  points in all.

-----

Number Bank:

4      6      90

In the desk drawer, Jenny found   4   dimes. She found   6   more nickels than dimes. Jenny found  90  cents in all.

-----

*Challenge Problem:*

Number Bank:

3      5      12

At the concession stand, Lonnie bought   3   items that cost \$4. He bought   5   more \$2 items than \$4 items. Lonnie's change back from forty dollars was  12  dollars.

Name: \_\_\_\_\_

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| 4                | E     | 1    |

# MORE or LESS

Use the chart to answer the questions..

Step-by-step examples at:  
[tangmath.com/puzzles](http://tangmath.com/puzzles)

|         |   |   |   |   |   |   |   |   |   |   |   |   |
|---------|---|---|---|---|---|---|---|---|---|---|---|---|
| dogs    | X | X | X | X | X | X | X | X | X | X | X | X |
| cats    | X | X | X | X | X | X | X | X |   |   |   |   |
| turtles | X | X | X | X | X |   |   |   |   |   |   |   |
| snakes  | X | X | X |   |   |   |   |   |   |   |   |   |

X = 6 animals

30 1. There are 66 dogs. How many turtles?

114 2. How many mammals?

1/9 3. The snakes are what fraction of the total number of animals?

1/5 4. If 18 snakes were added, the snakes would be what fraction of the total number of animals?