

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

If you take the first number and subtract it by the second, the difference is 19.

What are the two numbers?

Jacob took a big bowl from the kitchen to see what kind of fun party mix he could create.

He added  $\frac{3}{4}$  cup of pretzels,  $1\frac{1}{3}$  cups of Cheerios, and  $\frac{4}{5}$  cup of raisins. How much food is now in the bowl?

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$$725 \div 10$$

$$|-8| - h = 13$$

$$h =$$

If  $a = 8$  and  $v = -46$  then  
what is  $8a - 14v - 3v = ?$

At the dive meet Hunter received scores of 7.5, 6.7, 6.2, 7.9, and 7.4. The largest and smallest scores were dropped and the rest were averaged for a final score. What is the final score Hunter received?

If  $a = 9$  and  $b = 63.2$ ,  
then  
 $3a + b - a =$

The unknown value  $x$  is a multiple of 3, is greater than 51, and it is divisible by 14. What can be the lowest possible value of  $x$ ?

$$\text{If } 5x = 85, \text{ then } x =$$

$$7 \times 7 \times 7 \times 7 \times 7 = Z^y$$

What is the value of  $Z$   
and  $y$ ?

$$3 + 28 \div 7$$

$$(0.3)(0.13)$$

Simplify.

$$\frac{45}{72} =$$

Rewrite  $\frac{23}{100}$  as a decimal.

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Jacob didn't bother his sister when she was reading. He knew she really loved it; sometimes she didn't even hear him talking to her when she was reading. "Oh, she's just funny that way," he thought. Tonight she had read a whole book—all 329 pages in just three hours! At that rate, how long would it take Jacob's sister to read 1577 pages?

Bell Insurance Co. told Mr. Walker that they have a special life insurance policy for people who do not smoke. That is because the life span of smokers is about 64 years, but for non-smokers it is about 84 years. What is the ratio of the expected life span on smokers to non-smokers? (Express your answer as a fraction in lowest terms.)

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 900 mph. How far will it go in 20 minutes?

Which two of these numbers have a product of 4.42?

4.5

0.45

0.045

0.085

0.52

8.5

5.2

0.85

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$$\frac{2}{6}$$

$$\frac{4}{5}$$

$$\frac{2}{3}$$

$$\frac{3}{4}$$

$$\frac{2}{4}$$

$$\frac{1}{2}$$

Name two of the above numbers that have a sum of  $\frac{5}{6}$ .

Holly was doing a problem in the addition and subtraction fractions chapter of her math book. She wrote the answer of  $\frac{3}{8}$ . Whoops, she realized she has to write out the entire equation. She remembered the two fractions had the numbers 1, 8, 1, and 4. But she forgot the equation, and she couldn't remember if she added or subtracted. Write out the complete equation.

Rosa has \$16.14 in dimes and quarters. She has one-third as many dimes as quarters. How many quarters does she have?

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The (make-believe) country of Slowmonia is always super slow. But they are hard working, and after 19 years of research, the country of Slowmonia launched a rocket into space to land on Pluto. It is slow! It travels 3.849 kilometers in a month. How far will it travel in 8 years?

Write each as a decimal.

4 thousandths as a decimal is \_\_\_\_\_

$9\frac{6}{10}$  as a decimal is \_\_\_\_\_

82% as a decimal is \_\_\_\_\_

44.8% as a decimal is \_\_\_\_\_

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<p>Mr. Young's class took a survey on Pandemonium Day. A third of the students at Mountain Valley School believe they are organized. The rest of the students feel disorganized. If 145 students feel disorganized, how many students were surveyed?</p>	<p>All the students at William Anderson Middle School had their heights and weights measured on Weights and Measures Day. The total weight of the students was 23053.5 pounds. Their average weight was 98.1 pounds. How many students were weighed?</p>	<p>Ms. Robinson planned to show her horse in a show in England. The entry fee was 99.84 pounds sterling. The equation for changing pounds sterling to U.S. dollars is <math>D = 1.82P</math>. What is the entry fee in U.S. dollars? (Round off your answer to the nearest cent.)</p>
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$\begin{array}{r} 43 \\ + 34 \\ \hline \end{array}$	$9 \times 3 =$ _____	<p>Amy rolls a die. What is the chance of her rolling a 6?</p> <p>_____</p>	$32 \div 4 =$ _____
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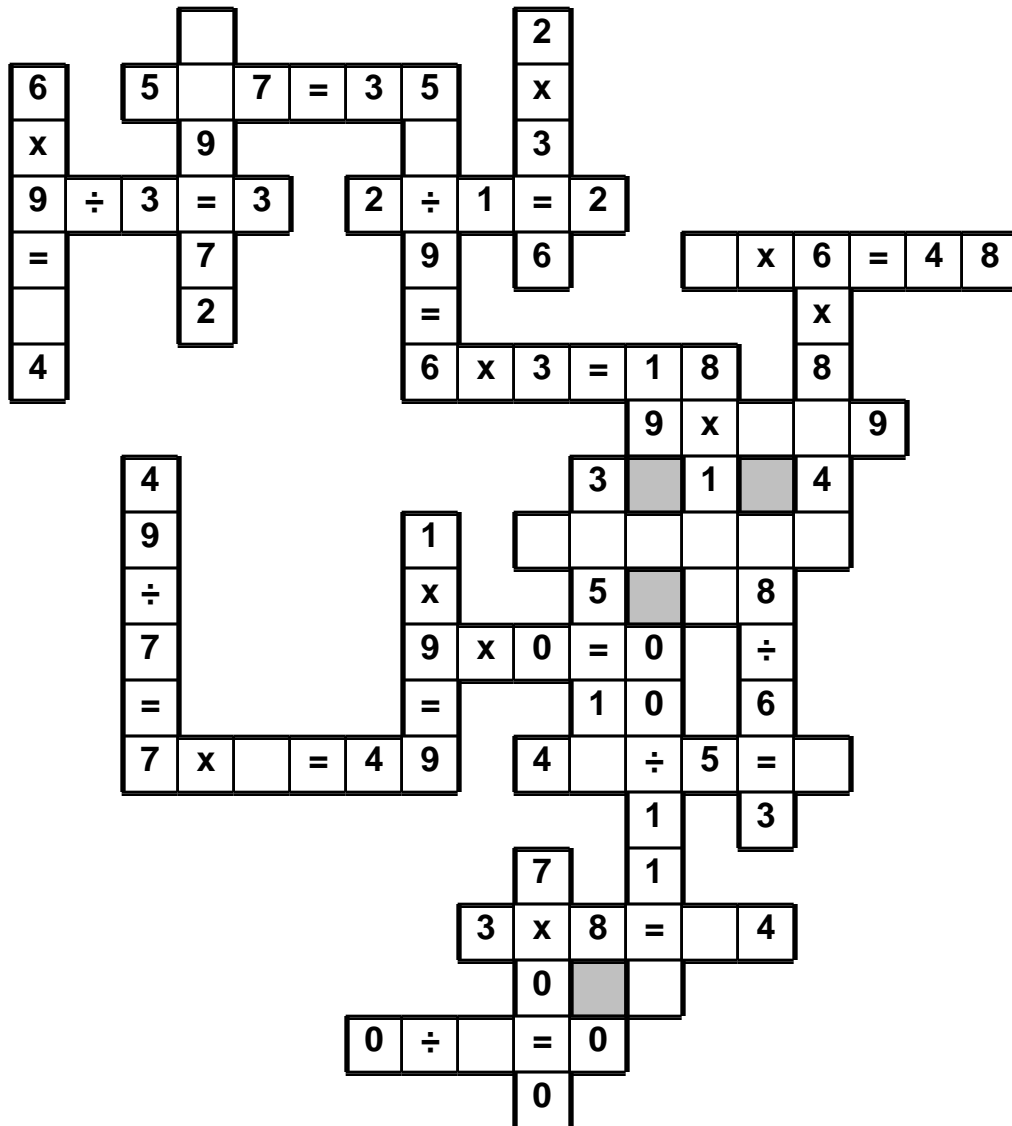
<p>Can 216 be evenly divided by 9? Circle: 216 is evenly divisible by 9 216 is NOT evenly divisible by 9</p>	<p>The product of two consecutive whole numbers is 210. What are the two consecutive whole numbers?</p>
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$5 \times 2 =$ _____	<p>For 8,346,037,149,153, write the digit that is in the hundred thousands place.</p> <p>_____</p>	$12 \times 10 =$ _____
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8 • x • 4 • 8 • 5 • 1 • = • 9 • x • 2 • = • 1 • 8 • 8 • 7 • 5  
9 • 2 • 0 • 3

Use the pieces above to help you fill in the runaway math puzzle.



1 kg = 1,000 g

27 kg = \_\_\_\_\_ g

6,233 - 1,979 = \_\_\_\_\_

81  
- 33

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<p>Can 876 be evenly divided by 6? Circle: 876 is NOT evenly divisible by 6 876 is evenly divisible by 6</p>	<p>Fill in the missing operations to complete this equation:</p> <p>24 ____ 8 ____ 13 = 16</p>	
<p>How many ounces are in 6 pounds?</p> <p>_____ ounces</p>	<p>5 x 12 = _____</p>	<p>15 ÷ 3 = _____</p>
$\begin{array}{r} 292 \\ - 136 \\ \hline \end{array}$	<p>In the number 746,494,155,254, the digit 1 is in what place?</p> <p>_____</p>	
$\begin{array}{r} 234 \\ + 297 \\ \hline \end{array}$	<p>385 - 297 = _____</p>	
	<p>33 ÷ 3 = _____</p>	<p>63 ÷ 7 = _____</p>
<p>Rewrite these in increasing order of length: 465 km, 735 dm, 6 mm, 852 m, 918 cm</p>	<p>20 km = _____ m</p>	
	<p>12 x 10 = _____</p>	
<p>1,631 + 2,328 = _____</p>	<p>Circle the digit in the hundredths place. 3,142.9779</p>	



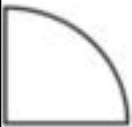





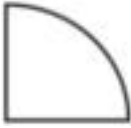

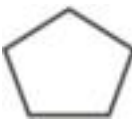
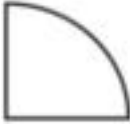

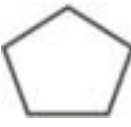
[illegible][illegible]
$$7 \times 11 = \underline{\hspace{2cm}}$$

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Each row, column, and box must have the numbers 1 through 6. The first box is done.

3	5	6	2		
2	1	4			
		3		2	
			6		
5					
4					3

Each row, column, and box must have 6 different pictures.

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On a number line, what is the number that is 7 to the left of 4?

$$10 + -7 = \underline{\quad}$$

$$10 - 7 = \underline{\quad}$$

Rewrite  $10 + -3$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$13 - 5 = \underline{\quad}$$

$$13 + -5 = \underline{\quad}$$

$$5 - 10 =$$

Rewrite  $16 - 2$

$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$5 - 7 =$$

On a number line, what is the number that is 10 to the left of 4?

$$2 - 4 - 2 =$$

$$9 - 16 =$$

Rewrite  $11 + -9$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

$$17 - 11 = \underline{\quad}$$

$$17 + -11 = \underline{\quad}$$

Rewrite  $8 + -1$

$$\underline{\quad} - \underline{\quad} = \underline{\quad}$$

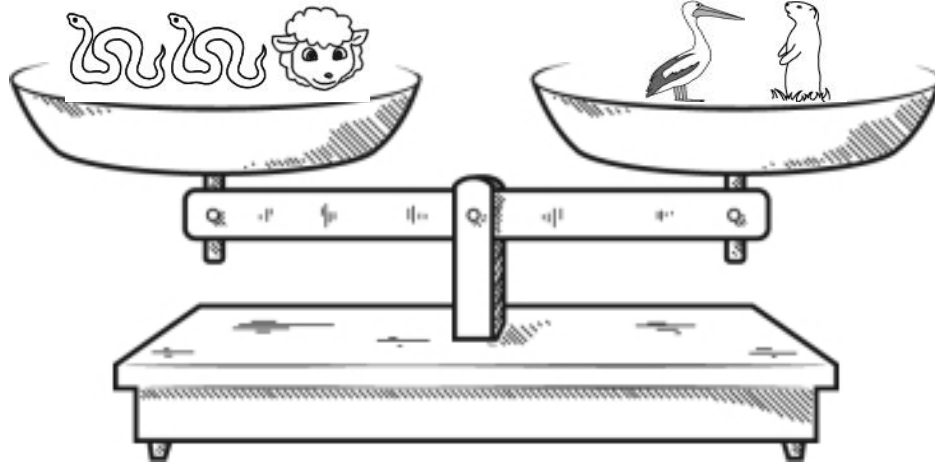
$$13 + -1 = \underline{\quad}$$

$$13 - 1 = \underline{\quad}$$

$$8 + -1 = \underline{\quad}$$

$$8 - 1 = \underline{\quad}$$

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☐ True

☐ False



☐ True

☐ False



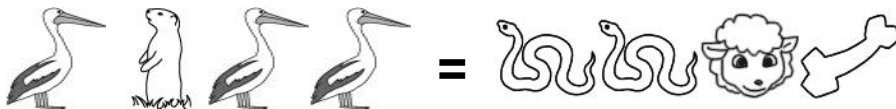
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that two are true? If not, look again!  
You should only mark TRUE if you are absolutely sure it is correct!

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Adam tried to write out the number for 10,600,009. He wrote ten billion six hundred million nine thousand. Is anything wrong?

Fill in the following using the rule 1 yard = 3 feet.

$$4 \text{ _____} + 4 \text{ _____} = 24 \text{ _____}$$

$$\text{_____ yards} + \text{_____ yards} = 12 \text{ feet}$$

$$3 \text{ yards} + 3 \text{ yards} = \text{_____}$$

Pumpkins are on sale for \$2.26 per pound. Kevin bought a 2-pound pumpkin. Connor bought a 5-pound pumpkin. How much more did Connor pay?

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Use any of these digits. Cross off a digit after you use it. You do not need to use all of the numbers.

8

3

8

1

8

The product of a 2-digit number and a 1-digit number is 304. Write the equation.

This fraction is not in simplest form. To reduce this fraction to simplest form you need to divide both the numerator and denominator of this fraction by nineteen. If you multiply the numerator by 4, the numerator would be 228. What is this fraction?

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The letters A, Q, and M each stand for a whole number. How many DIFFERENT values can you find for them?

$$A + 7 = Q$$

$$M > Q$$

$$M < 20$$

$$A > 8$$

Which two of the fractions have a difference of  $\frac{2}{9}$ ?

$$\frac{4}{9}$$

$$\frac{3}{6}$$

$$\frac{2}{3}$$

$$\frac{6}{11}$$

$$\frac{3}{7}$$

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"I can quickly divide a three-digit number by a two-digit number," Emma tells Kevin.

"Yeah, sure," replies Kevin. "Then what is 1012 divided by 46?"

Emma has a trick. She will distract Kevin while you figure it out. Show your work!

Amy likes to multiply a number by itself. Why? Nobody knows!

"If I take my favorite number and multiply it by itself, the product will be only 15 away from 40. Can you guess my favorite number?" asks Amy.



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This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

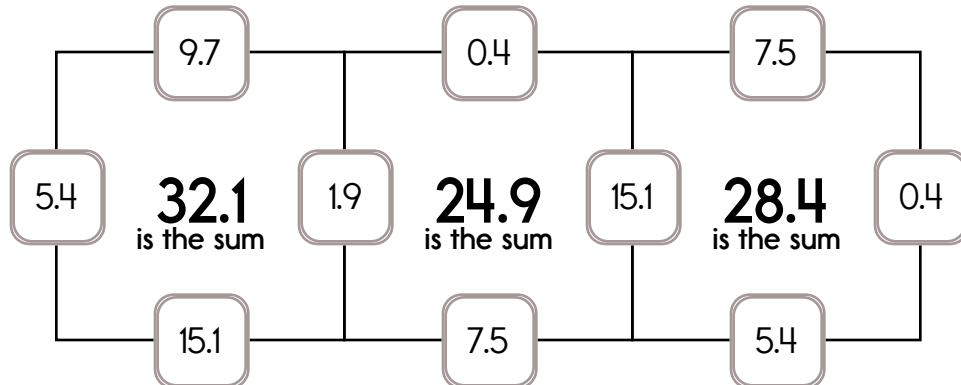
Example:

$$5.4 + 1.9 + 9.7 + 15.1 = 32.1$$

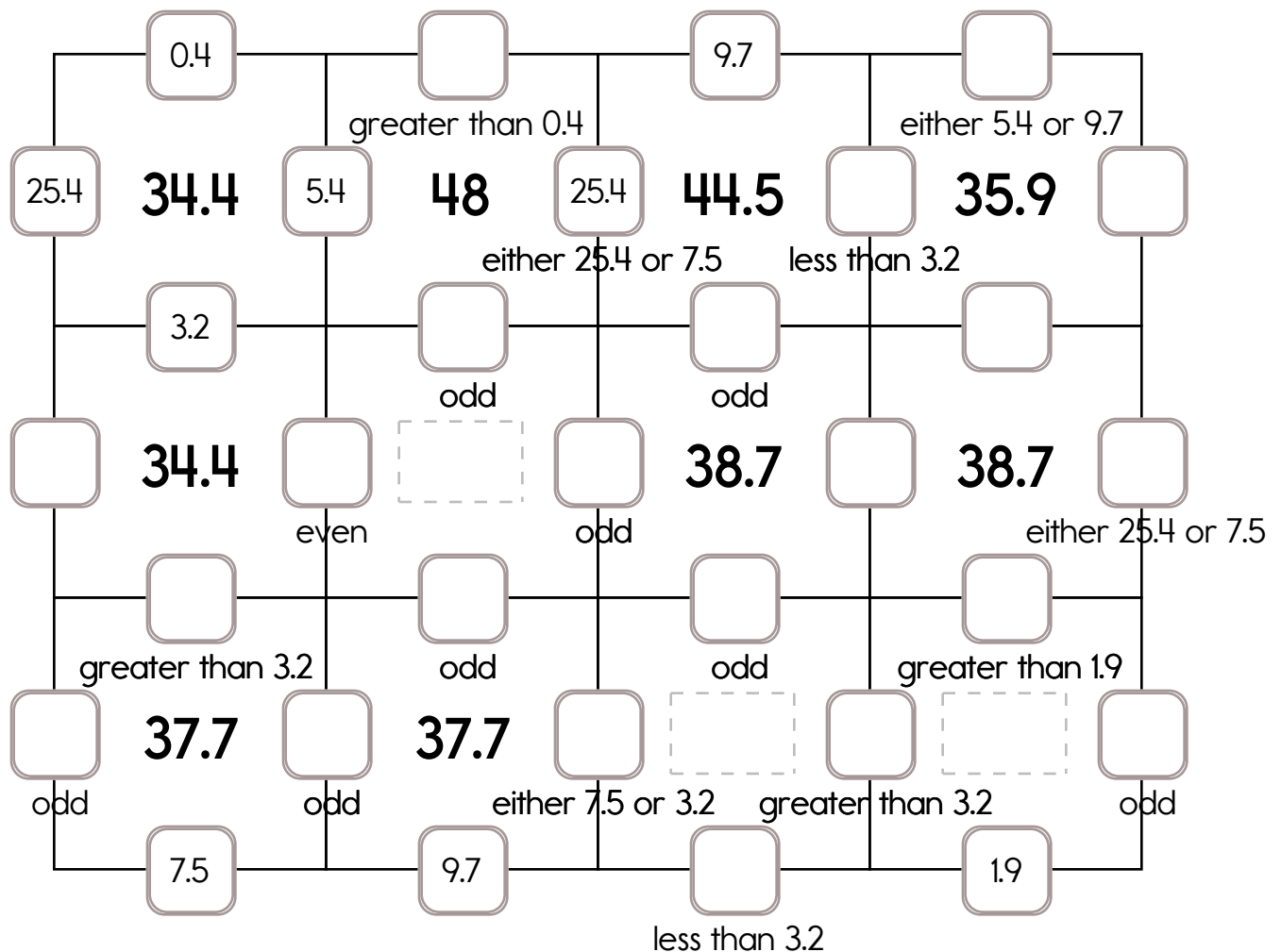
Example:

$$15.1 + 0.4 + 7.5 + 5.4 = 28.4$$

Sample:

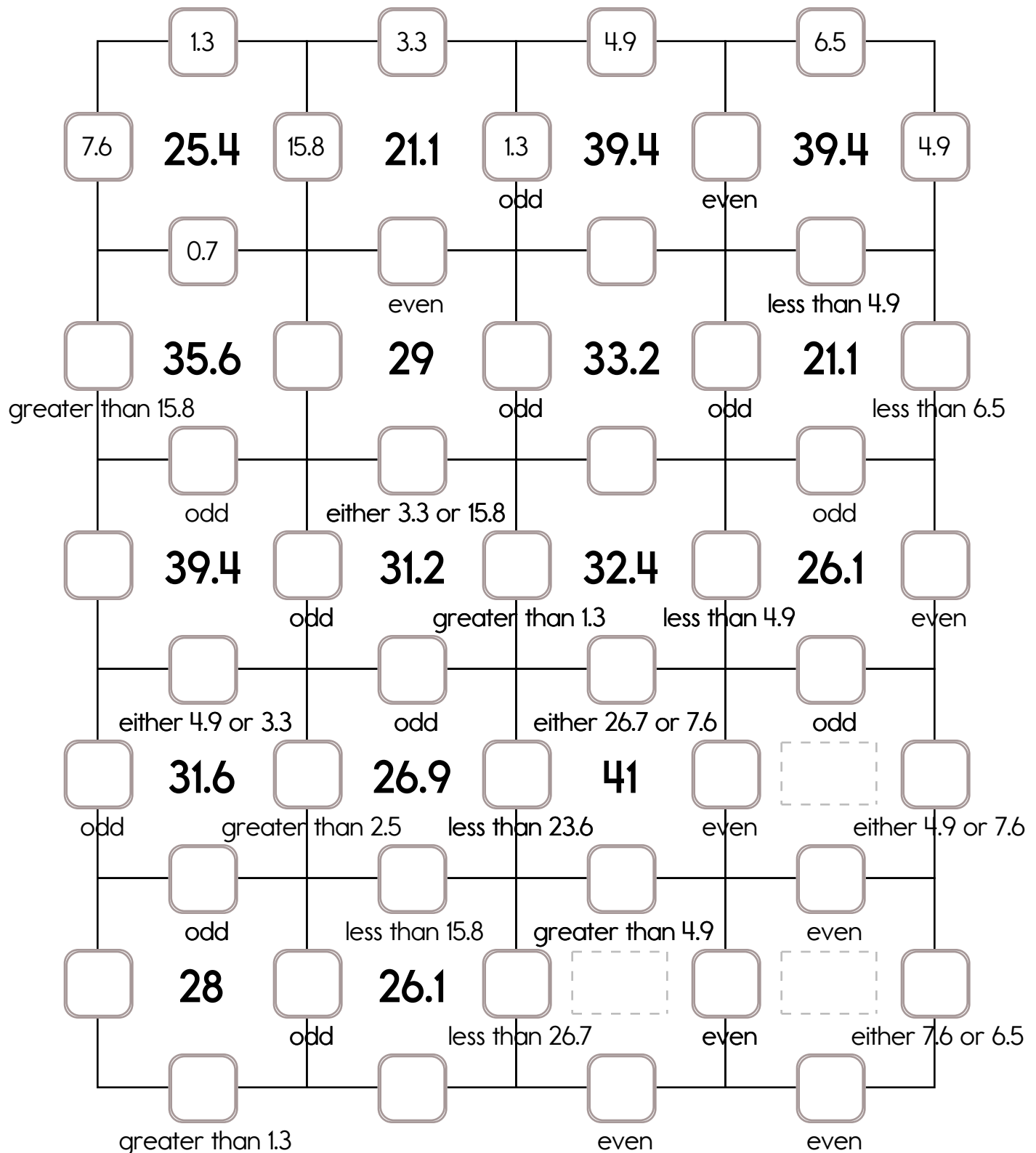


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 25.4, 15.1, or 20.4. The other three numbers have to all be DIFFERENT and must be from these: 7.5, 9.7, 2.5, 5.4, 0.4, 3.2, or 1.9.



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Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 23.6, 26.7, or 15.8. The other three numbers have to all be DIFFERENT and must be from these: 0.7, 1.3, 6.5, 7.6, 2.5, 3.3, or 4.9.





It's NO PREP at edHelper.

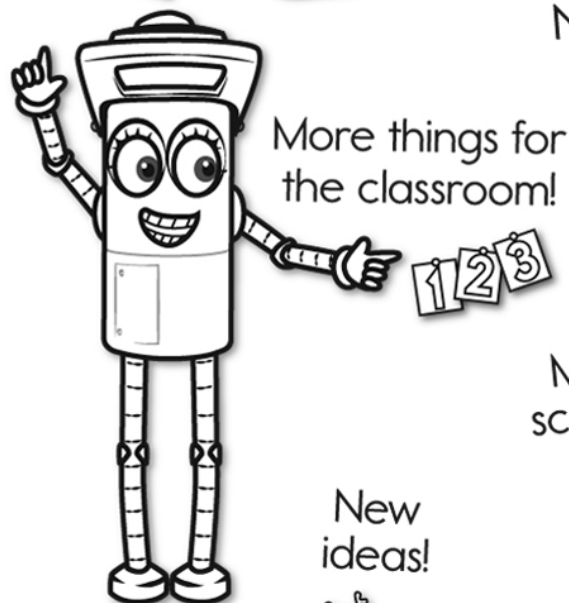
More history!



# edHelper.com!



New online math games!



1 2 3



More science!



New ideas!



$\times$   $=$   $-$   $\div$   $<$   $>$

More puzzles!



