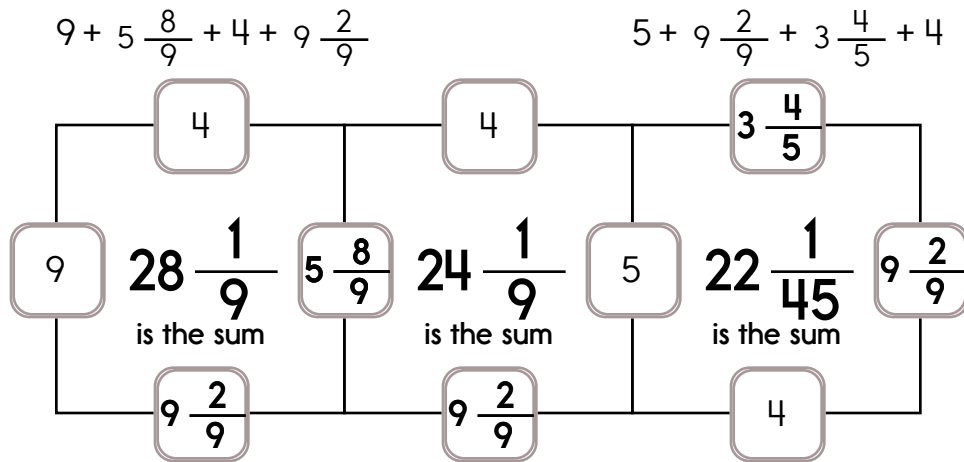
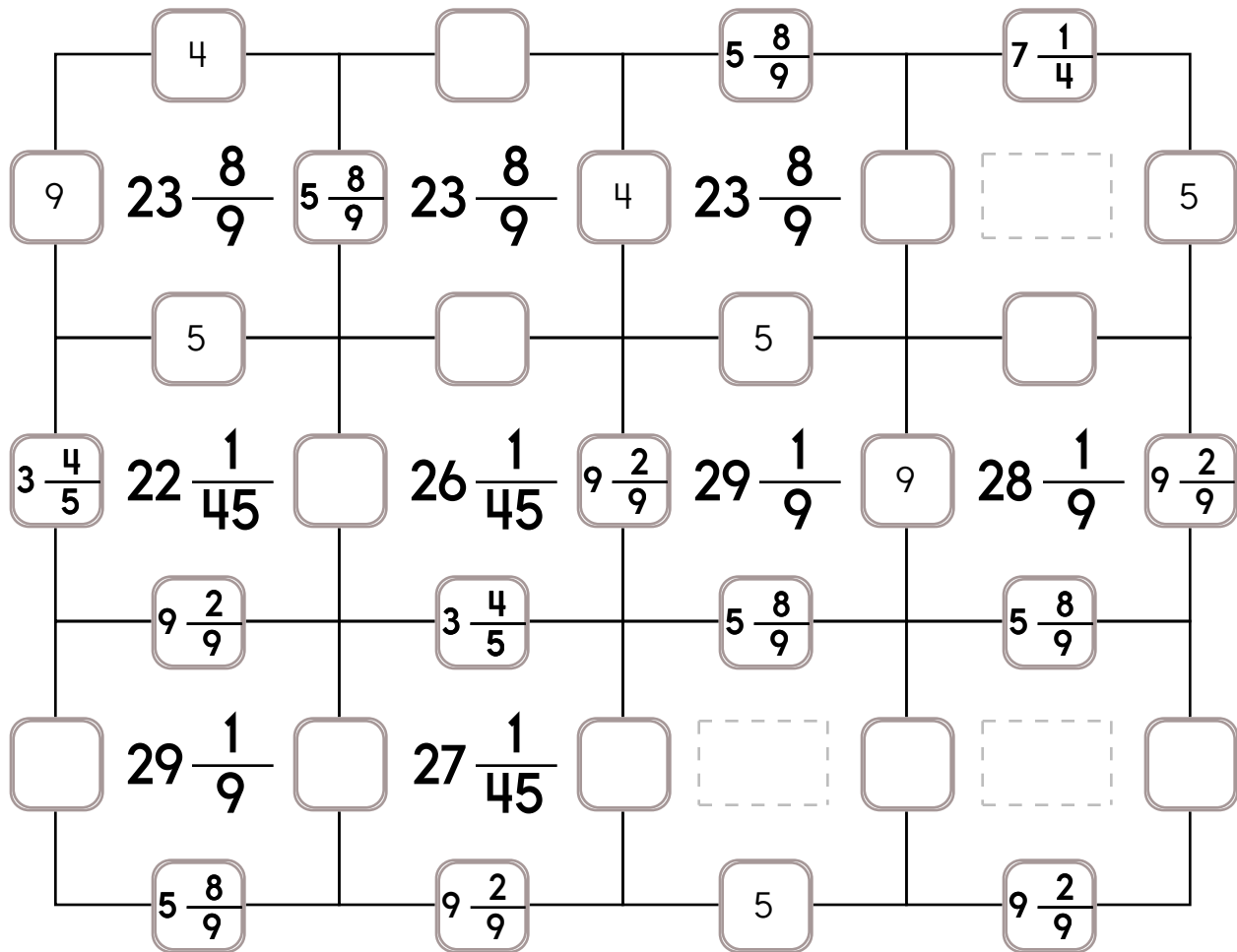


## Sample:



Exactly one of the four numbers has to be one of these numbers:  $5\frac{8}{9}$ ,  $7\frac{1}{4}$ , or  $3\frac{4}{5}$ .

The other three numbers have to all be DIFFERENT and must be from these: 9, 5,  $9\frac{2}{9}$ , or 4.



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

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:  $1\frac{5}{7}$ ,  $6\frac{1}{2}$ , or  $4\frac{7}{8}$ .

The other three numbers have to all be DIFFERENT and must be from these: 2,  $2\frac{1}{7}$ ,  $3\frac{4}{7}$ , or 12.

	12		$2\frac{1}{7}$		$3\frac{4}{7}$		$3\frac{4}{7}$	
$1\frac{5}{7}$	$19\frac{2}{7}$	2		$1\frac{5}{7}$	$19\frac{2}{7}$	12	$22\frac{25}{56}$	$4\frac{7}{8}$
	$3\frac{4}{7}$		$3\frac{4}{7}$					
	$12\frac{33}{56}$	$2\frac{1}{7}$	$24\frac{3}{14}$		$22\frac{25}{56}$	$3\frac{4}{7}$	$14\frac{3}{14}$	$2\frac{1}{7}$
	$4\frac{7}{8}$		$6\frac{1}{2}$		$4\frac{7}{8}$		$6\frac{1}{2}$	
$3\frac{4}{7}$	$22\frac{25}{56}$		$22\frac{9}{14}$	$2\frac{1}{7}$	$22\frac{33}{56}$	$3\frac{4}{7}$	$24\frac{1}{14}$	
$6\frac{1}{2}$	$24\frac{1}{14}$	$3\frac{4}{7}$	$22\frac{25}{56}$		$22\frac{25}{56}$	$4\frac{7}{8}$	$21\frac{1}{56}$	$2\frac{1}{7}$
			$4\frac{7}{8}$		$3\frac{4}{7}$			
$6\frac{1}{2}$	$22\frac{9}{14}$	$2\frac{1}{7}$	$21\frac{1}{56}$					$3\frac{4}{7}$
					$4\frac{7}{8}$		$4\frac{7}{8}$	

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

On March 31, 2024 Connor told 8 of his friends that they did not have to come to school the next day. He said it was an April Fool's Day holiday. Each of his friends told 5 of their friends. If Connor's 8 friends and each of their 5 friends didn't come to school the next day, how many people stayed home because of Connor?

Sarah's family and friends held a picnic to celebrate the date that Hawaii became the 50th state. Her father bought 24 cases of potato chips for the picnic. If there were 24 bags in each case and each bag holds about 35 chips, about how many chips did he buy?

What is  $\frac{2}{3}$  of 216? Show your work.

Fill in the missing numbers.

The number 10,000 times 5,793 = \_\_\_\_\_

The number one hundred thousand times 5,793 = \_\_\_\_\_

The number 10,000 times 579.3 = \_\_\_\_\_



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

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

$$3 \times 2 + (40 \div 10) - 5 = \underline{\hspace{2cm}}$$

$$2 \times 12 + 9 = \underline{\hspace{2cm}}$$

$$4 \times 3 \times 7 \times 1 + 3 + 5 = \underline{\hspace{2cm}}$$

$$5 - 5 + (11 - 8) = \underline{\hspace{2cm}}$$

$$7 + 7 - 4 = \underline{\hspace{2cm}}$$

$$9 + 4 \times 3 = \underline{\hspace{2cm}}$$

$$7 \times 5 + 7 \times 6 + 6 = \underline{\hspace{2cm}}$$

$$12 + 2 \times 4 = \underline{\hspace{2cm}}$$

$$3 \times 4 \times 9 - 5 + 5 = \underline{\hspace{2cm}}$$

$$4 + 12 + 7 = \underline{\hspace{2cm}}$$

$$5 \times 6 - 5 + 3 - 9 - 5 = \underline{\hspace{2cm}}$$

$$3 + 10 - 11 = \underline{\hspace{2cm}}$$

$$(7 \times 6) \times 1 = \underline{\hspace{2cm}}$$

$$(4 \times 2) \times 4 = \underline{\hspace{2cm}}$$

$$8 + 3 + 4 + 1 + 8 \div 4 = \underline{\hspace{2cm}}$$

$$8 - 4 - 4 = \underline{\hspace{2cm}}$$

$$2 \times 3 \times 6 + 8 = \underline{\hspace{2cm}}$$

$$8 + 12 - 10 + 12 = \underline{\hspace{2cm}}$$

$$2 \times (7 \times 4) = \underline{\hspace{2cm}}$$

$$(4 + 10) + 9 = \underline{\hspace{2cm}}$$

$$4 \times 9 + 9 + 4 = \underline{\hspace{2cm}}$$

$$12 \times 11 + 4 = \underline{\hspace{2cm}}$$

$$7 - 2 - 3 = \underline{\hspace{2cm}}$$

$$7 + 11 - 3 = \underline{\hspace{2cm}}$$

$$7 \times 3 \times 6 = \underline{\hspace{2cm}}$$

$$1 + 7 \times 11 = \underline{\hspace{2cm}}$$

$$6 \times 8 \times 4 - 6 = \underline{\hspace{2cm}}$$

$$12 + (1 \times 5) = \underline{\hspace{2cm}}$$

$$4 + 72 \div 9 = \underline{\hspace{2cm}}$$

$$1 + 1 + 2 = \underline{\hspace{2cm}}$$

$$9 \times 7 \times 5 = \underline{\hspace{2cm}}$$

$$1 \times 10 \times 9 = \underline{\hspace{2cm}}$$

$$5 + 3 - 6 \times 1 + 9 = \underline{\hspace{2cm}}$$

$$11 \div 11 \times 6 = \underline{\hspace{2cm}}$$

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

Harry Houdini was born in March 1874. He died in October 1926. How old was he when he died?

### What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word

Sum

1 2 4 6 10 14  
A P P E T I T E

37

1 2 4 6 8 12  
E

1 2 4 8  
D R

1 2 4 6 10 16 22  
O

1 2 4 6 12 18  
C R

Make a Word

Sum

1 2 4 6  
C L

1 2 6 10 16  
R U

1 2 4 8 12 18 24  
P

1 2 4 8  
E N

1 2 4 8 14  
C O

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

<p>How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.</p>	<p>How many ounces are in 6 pounds?</p> <p>_____ ounces</p>	
	<p>Insert a comma in the appropriate place in this sentence.</p> <p>I love being with family at Christmas for that is what memories are made of.</p>	
<p>What time is 14 hours after 4:00 p.m.?</p> <p>_____</p>	<p>26 kg = _____ g</p>	$\begin{array}{r} 24 \\ + 30 \\ \hline \end{array}$
<p>Max invented a robotic bug. The bug can crawl four centimeters in twenty-four seconds. How long would it take the bug to crawl thirty-seven centimeters?</p>	$\begin{array}{r} 249 \\ + 364 \\ \hline \end{array}$	
<p>The circus is in town! Tickets are only \$4 for kids. Adults need to pay double the price of kids tickets. Wendy is bringing three of her friends in her class. Her mom is also coming. Wendy wants to pay for everyone. How much will she need to pay?</p>	<p>36 ÷ 4 =</p>	$\begin{array}{r} 44 \\ - 17 \\ \hline \end{array}$
	$\begin{array}{r} 744 \\ - 728 \\ \hline \end{array}$	

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

### Sudoku Sums of 8

Each row, column, and box must have the numbers 1 through 6.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 8.

Here is an example of a sudoku sum of 8:

1	7
---	---

			4		
	5		3		
				4	
		3		1	6
4				5	
		6			

$$48 \div 4 =$$

$$1 \text{ km} = 1,000 \text{ m}$$

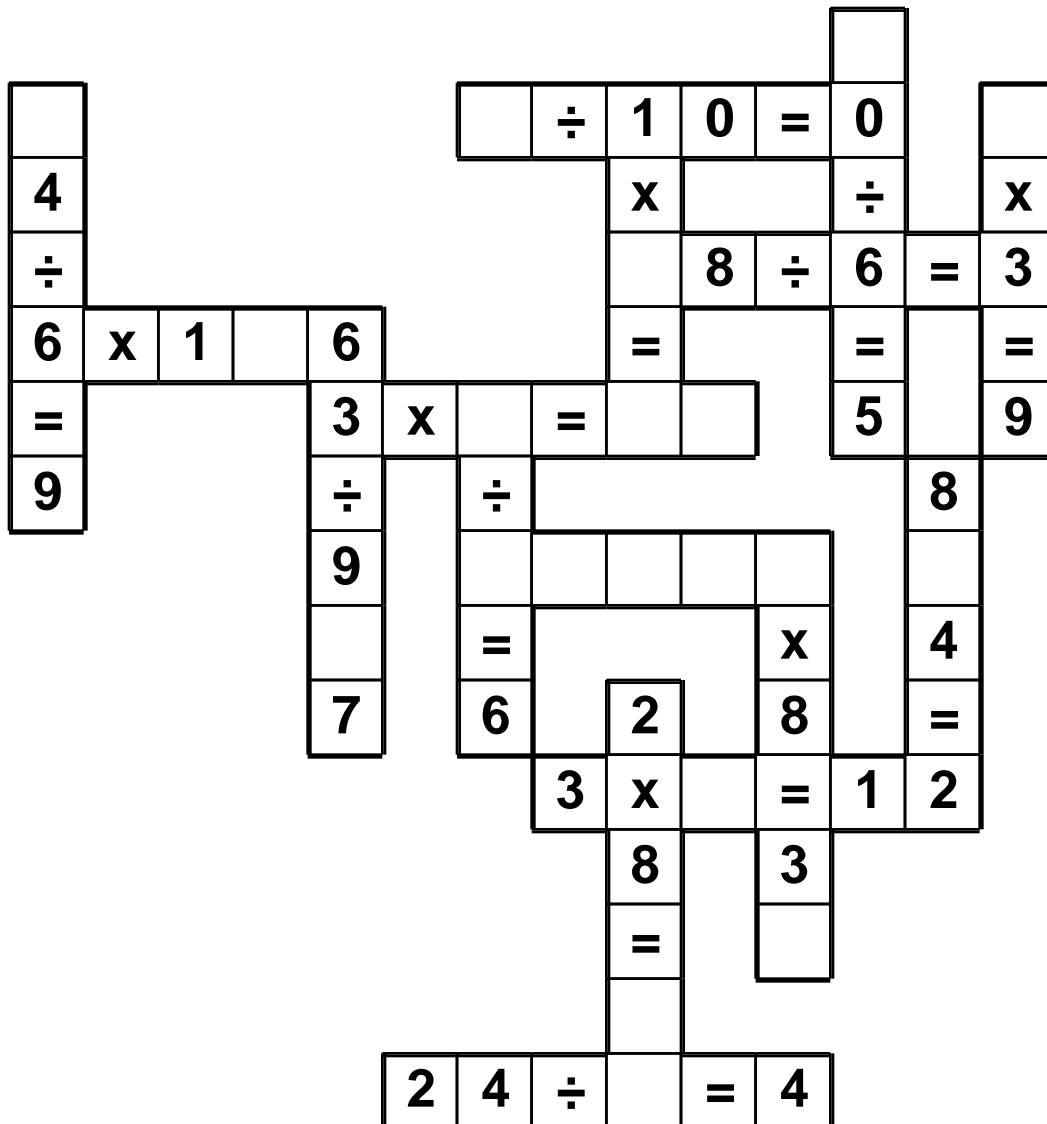
$$14 \text{ km} = \text{_____} \text{ m}$$

Sarah wants Wendy to guess a two digit number. She tells Wendy that her number has two different digits. The digits are 3 and 6. Wendy thinks. She then guesses the number 63. What are the chances that Wendy has guessed correctly?

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

3 • 5 • 0 • 3 • 1 • = • 6 • 1 • 8 • 1 • x • 4 • = • 4 • ÷ • = • 4  
2 • 1 • 6

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



$(9 + 5) + 9 =$

Circle the simple subject and underline the simple predicate in the following sentence.

I swim on a swim team at the high school.

Erin wants to call Wendy.  
Wendy is on vacation in Asia.  
It is a time difference of fourteen hours. Wendy's time is always later than Erin's time.  
If it is 9:15 P.M. where Erin lives, then what time is it where Wendy is?

\_\_\_\_\_



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

Use mental math to quickly solve.

$$0.67 \div 10 = \underline{\hspace{2cm}}$$

$$64.74 \div 10 = \underline{\hspace{2cm}}$$

$$0.19 \div 10 = \underline{\hspace{2cm}}$$

$$15.74 \div 10 = \underline{\hspace{2cm}}$$

$$295.1 \div 100 = \underline{\hspace{2cm}}$$

$$927.7 \div 100 = \underline{\hspace{2cm}}$$

$$0.654 \div 10 = \underline{\hspace{2cm}}$$

$$884.9 \div 100 = \underline{\hspace{2cm}}$$

$$3,511.4 \div \underline{\hspace{2cm}} = 35.114$$

$$33.43 \div \underline{\hspace{2cm}} = 3.343$$

$$42.12 \div 10 = \underline{\hspace{2cm}}$$

$$0.972 \div \underline{\hspace{2cm}} = 0.0972$$

$$870.4 \div 100 = \underline{\hspace{2cm}}$$

$$\underline{\hspace{2cm}} \div 100 = 7.261$$

$$2 \overline{) 1.6}$$

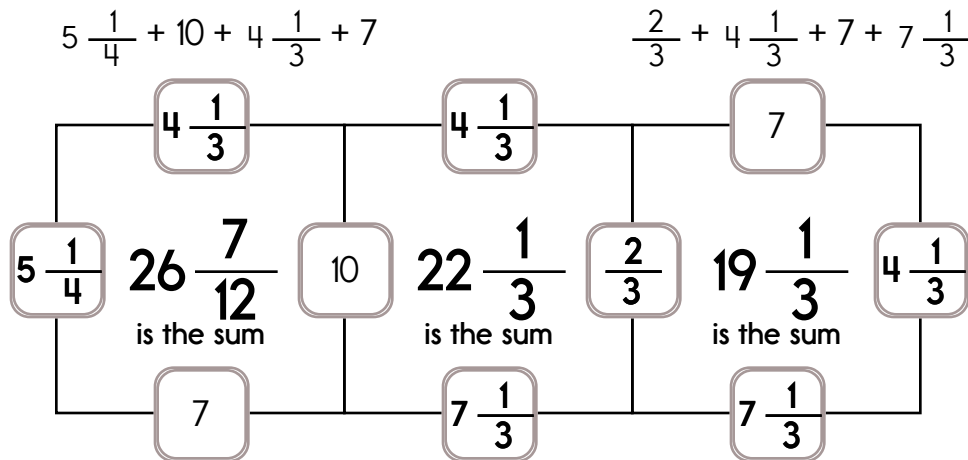
$$3 \overline{) 9.0}$$

$$4 \overline{) 4.0}$$

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

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

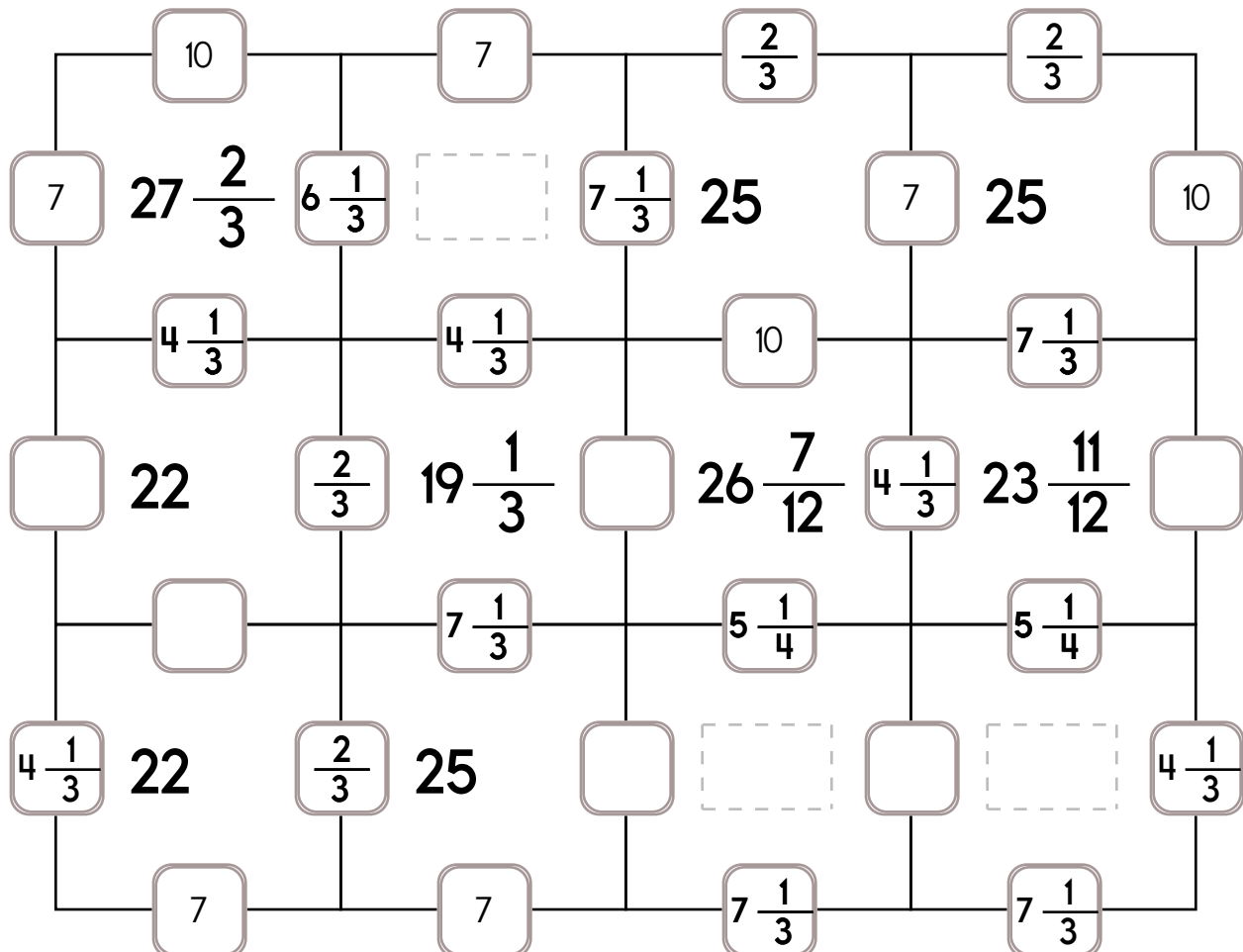
Sample:



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:  $6\frac{1}{3}$ ,  $\frac{2}{3}$ , or  $5\frac{1}{4}$ .

The other three numbers have to all be DIFFERENT and must be from these: 7,  $4\frac{1}{3}$ , 10, or  $7\frac{1}{3}$ .

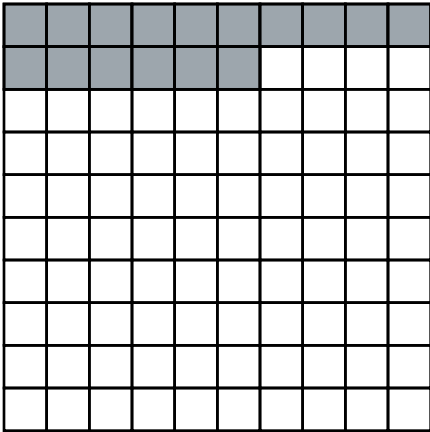


Exactly one of the four numbers has to be one of these numbers:  $1\frac{1}{5}$ ,  $3\frac{4}{5}$ , or  $2\frac{2}{5}$ .

2	15	$7\frac{3}{5}$	3	2	15	$7\frac{3}{5}$
2	3	$3\frac{4}{5}$	2	2	$\frac{2}{5}$	2
$1\frac{1}{5}$	$13\frac{4}{5}$	2	$16\frac{2}{5}$	3	2	2

include, exclude

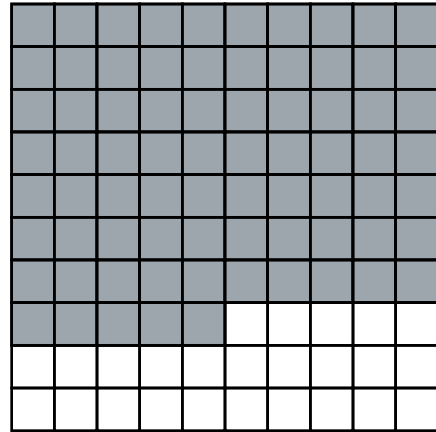
Name: \_\_\_\_\_



\_\_\_\_\_ out of 100 small squares are shaded.

\_\_\_\_\_ % of the large square is shaded.

\_\_\_\_\_ % of the large square is NOT shaded.



\_\_\_\_\_ out of 100 small squares are shaded.

\_\_\_\_\_ % of the large square is shaded.

\_\_\_\_\_ % of the large square is NOT shaded.

$$\frac{17}{100} = \text{_____} \%$$

$$\frac{32}{100} = \text{_____} \%$$

$$\frac{6}{100} = \text{_____} \%$$

$$34 \text{ out of } 100 = \text{_____} \%$$

$$15 \text{ out of } 100 = \text{_____} \%$$

$$0.45 = \text{_____} \% \quad 0.76 = \text{_____} \%$$

$$0.51 = \text{_____} \% \quad 0.1 = \text{_____} \%$$

$$0.01 = \text{_____} \% \quad 0.3 = \text{_____} \%$$

$$0.02 = \text{_____} \% \quad 0.99 = \text{_____} \%$$

$$0.6 = \text{_____} \% \quad 0.8 = \text{_____} \%$$

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

What is the least common multiple of 12 and 9?

What is the greatest common factor of 6 and 8?

$$\underline{\hspace{1cm}} - 2 = 3$$

What is the missing number?

What is the greatest common factor of 3 and 12?

Is the least common multiple of 8 and 4 smaller, equal to, or greater than the greatest common factor of 8 and 4?

$$15 + \underline{\hspace{1cm}} = 35$$

What is the missing number?

$$14 + x = 27$$

What is the value of x?

$$24 - n = 14$$

$$y + 12 = 19$$

What is the least common multiple of 9 and 18?

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

$$\begin{array}{r} 1,028 \\ - 723 \\ \hline \end{array}$$

$$\begin{array}{r} 1,158 \\ - 509 \\ \hline \end{array}$$

$$\begin{array}{r} 924 \\ - 798 \\ \hline \end{array}$$

$$\begin{array}{r} 1,196 \\ - 877 \\ \hline \end{array}$$

$$\begin{array}{r} 1,128 \\ - 146 \\ \hline \end{array}$$

$$\begin{array}{r} 840 \\ - 717 \\ \hline \end{array}$$

$$\begin{array}{r} 497 \\ - 371 \\ \hline \end{array}$$

$$\begin{array}{r} 999 \\ - 679 \\ \hline \end{array}$$

$$\begin{array}{r} 1,045 \\ - 288 \\ \hline \end{array}$$

$$\begin{array}{r} 1,068 \\ - 692 \\ \hline \end{array}$$

$$\begin{array}{r} 1,448 \\ - 973 \\ \hline \end{array}$$

$$\begin{array}{r} 1,196 \\ - 623 \\ \hline \end{array}$$

$$\begin{array}{r} 883 \\ - 209 \\ \hline \end{array}$$

$$\begin{array}{r} 1,264 \\ - 927 \\ \hline \end{array}$$

$$\begin{array}{r} 982 \\ - 322 \\ \hline \end{array}$$

$$\begin{array}{r} 977 \\ - 490 \\ \hline \end{array}$$

$$\begin{array}{r} 921 \\ - 748 \\ \hline \end{array}$$

$$\begin{array}{r} 1,056 \\ - 148 \\ \hline \end{array}$$

$$\begin{array}{r} 410 \\ - 216 \\ \hline \end{array}$$

$$\begin{array}{r} 1,841 \\ - 995 \\ \hline \end{array}$$

$$\begin{array}{r} 1,098 \\ - 601 \\ \hline \end{array}$$

$$\begin{array}{r} 1,061 \\ - 528 \\ \hline \end{array}$$

$$\begin{array}{r} 1,376 \\ - 418 \\ \hline \end{array}$$

$$\begin{array}{r} 1,520 \\ - 970 \\ \hline \end{array}$$

$$\begin{array}{r} 1,175 \\ - 617 \\ \hline \end{array}$$

$$\begin{array}{r} 735 \\ - 421 \\ \hline \end{array}$$

$$\begin{array}{r} 955 \\ - 756 \\ \hline \end{array}$$

$$\begin{array}{r} 1,169 \\ - 950 \\ \hline \end{array}$$

$$\begin{array}{r} 1,570 \\ - 999 \\ \hline \end{array}$$

$$\begin{array}{r} 1,409 \\ - 710 \\ \hline \end{array}$$

$$\begin{array}{r} 921 \\ - 631 \\ \hline \end{array}$$

$$\begin{array}{r} 1,532 \\ - 573 \\ \hline \end{array}$$

$$\begin{array}{r} 1,269 \\ - 424 \\ \hline \end{array}$$

$$\begin{array}{r} 992 \\ - 464 \\ \hline \end{array}$$

$$\begin{array}{r} 611 \\ - 448 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 8 \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 23 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 20 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + \square \\ \hline \end{array}$$

$$19$$

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

		+		+		+		=	
	B		C		B		A		46
+									
	B		C		C		B		?
=									
	24		4		14		32		

### Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$B + C = 14 \quad B + B = \underline{\quad} \quad \underline{\quad} + \underline{\quad} = 4$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 46 \quad \underline{\quad} + \underline{\quad} = 32$$

Additional hints:

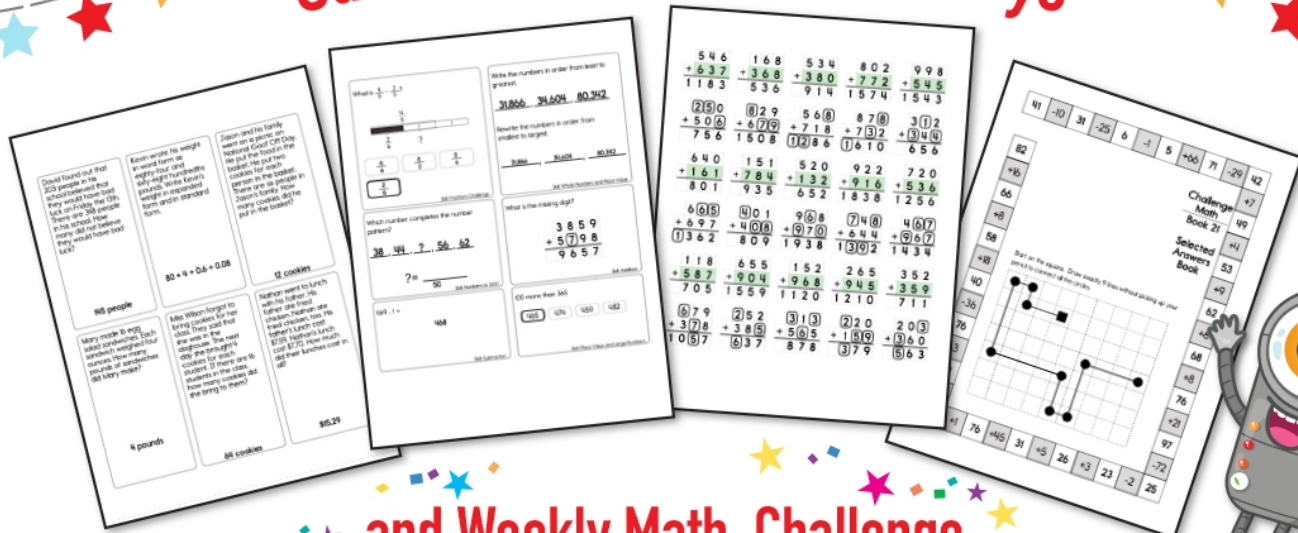
$$A = C + 18 \quad C < 9$$

### Show Work:

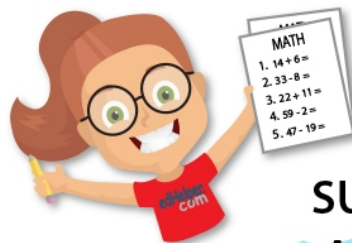
### Solve:

$$? = \underline{\quad}$$

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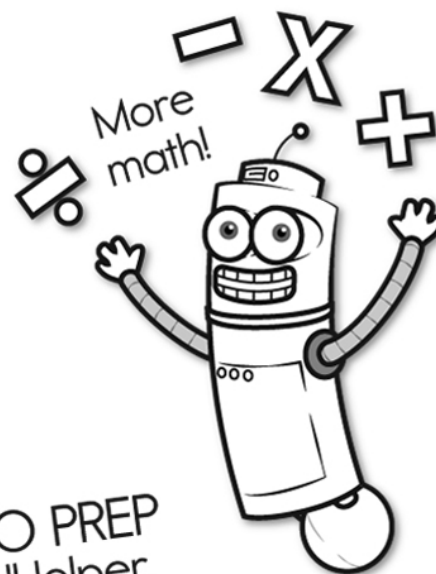
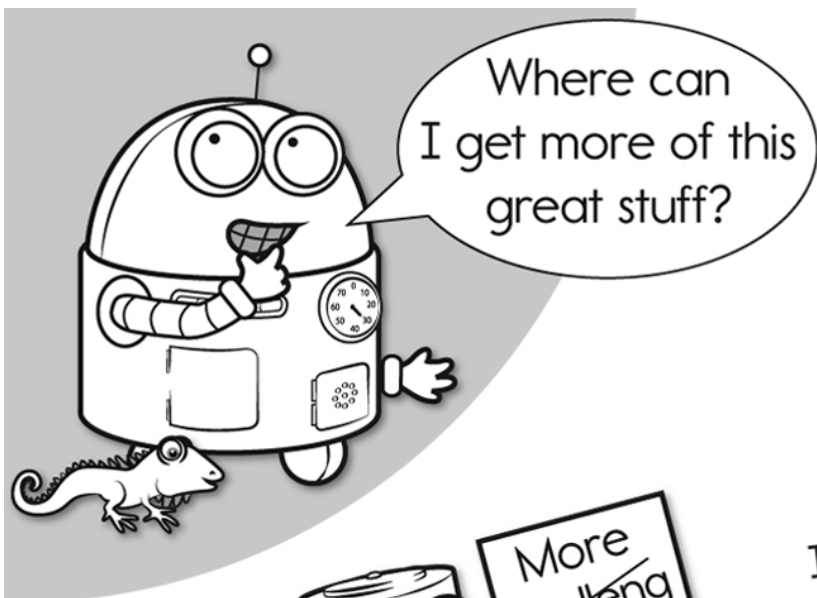


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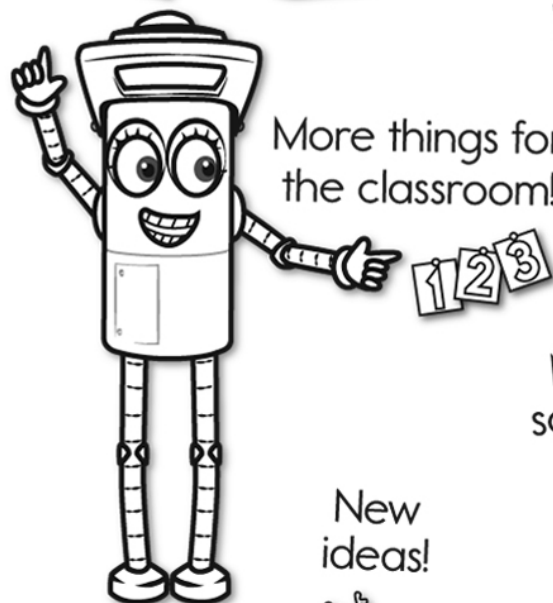


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