

Name: _____

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

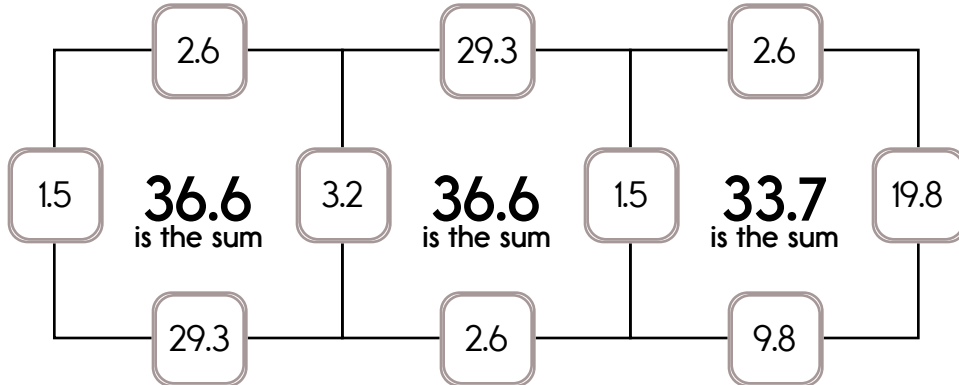
Example:

$$1.5 + 3.2 + 2.6 + 29.3 = 36.6$$

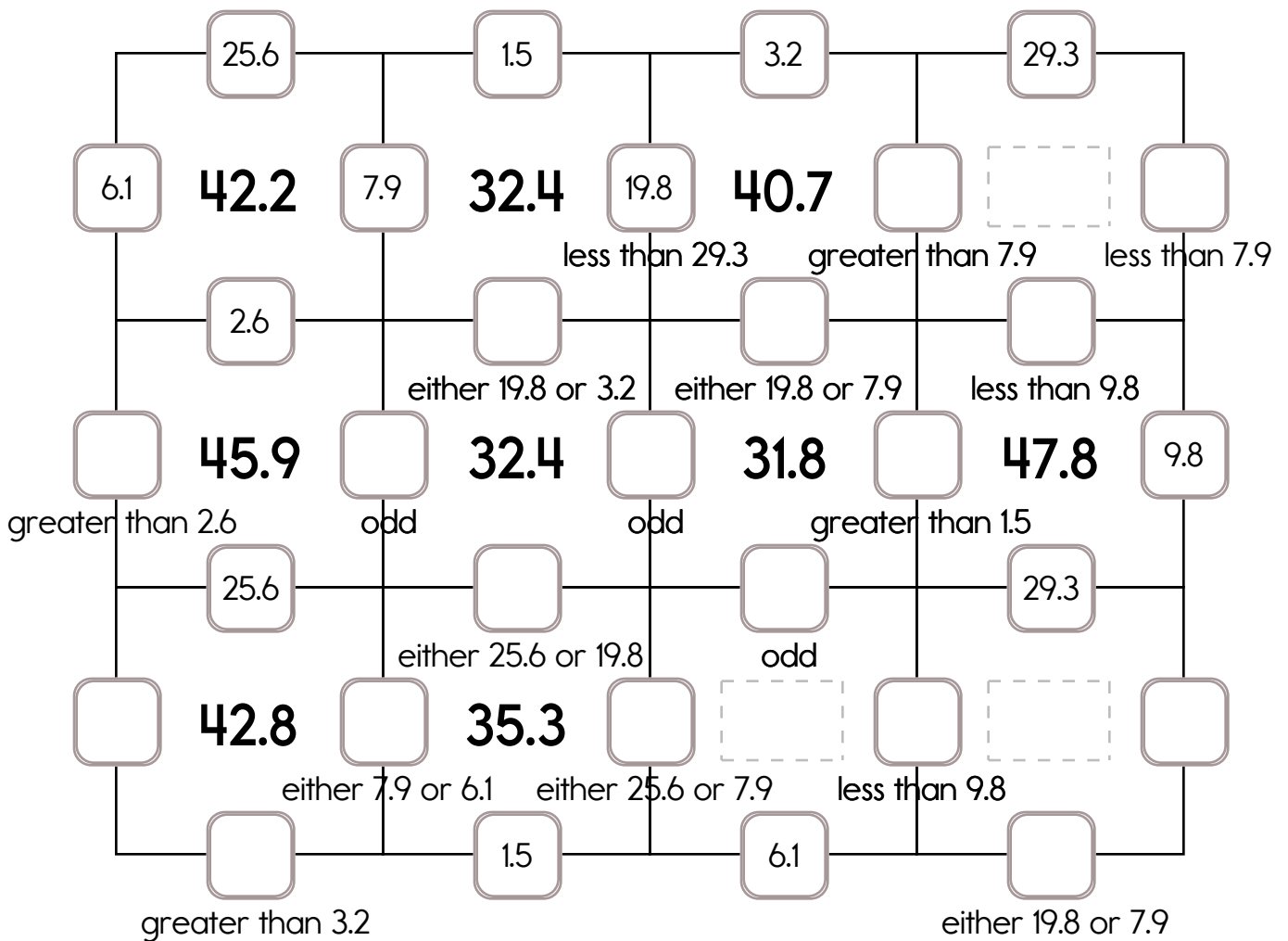
Example:

$$1.5 + 19.8 + 2.6 + 9.8 = 33.7$$

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: 19.8, 29.3, or 25.6. The other three numbers have to all be DIFFERENT and must be from these: 1.5, 6.1, 7.9, 2.6, 9.8, or 3.2.



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: 20.9, 24.5, or 16.8. The other three numbers have to all be DIFFERENT and must be from these: 9.9, 3.3, 0.9, 6.7, 7.7, 4.1, or 8.3.

	4.1		4.1		6.7		8.3	
16.8	39.1	9.9	46.8	8.3	42.8		46	
	8.3			either 8.3 or 7.7	24.5	odd	24.5	greater than 4.1
4.1	36.9		37.2		43.6		41.4	
		either 9.9 or 7.7		even		even		greater than 3.3
		less than 24.5		either 9.9 or 0.9		even		even
6.7	41.1		33.7		39.5		33.7	
		greater than 0.9				less than 24.5		
				even		either 7.7 or 4.1		either 16.8 or 7.7
	34.3		29.3				48.8	
		even		even		greater than 7.7		
		either 7.7 or 6.7		odd		greater than 4.1		greater than 4.1
	41.7		41.8					
		odd				odd		either 24.5 or 4.1
		either 3.3 or 8.3		greater than 3.3		odd		
		less than 24.5		even		greater than 6.7		



Name: _____

Ready for a challenge? See how long this takes.

My starting time: _____ : _____ and _____ seconds.

My ending time: _____ : _____ and _____ seconds.

$$9 + 77 \div 7 - 3 + 2 + 1 = \underline{\hspace{2cm}}$$

$$(7 \times 4) - 6 = \underline{\hspace{2cm}}$$

$$7 \times (4 \times 3) = \underline{\hspace{2cm}}$$

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

$$1 + 9 - (1 - 1) + 6 = \underline{\hspace{2cm}}$$

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

$$2 + 2 - 4 + 132 \div 11 + 2 = \underline{\hspace{2cm}}$$

$$9 \times 8 + 7 = \underline{\hspace{2cm}}$$

$$6 + 4 - 3 - 7 = \underline{\hspace{2cm}}$$

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

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

$$7 + 1 \times 12 = \underline{\hspace{2cm}}$$

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

$$10 \times 9 + 3 = \underline{\hspace{2cm}}$$

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

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

$$2 + 64 \div 8 + 84 \div 12 - 6 = \underline{\hspace{2cm}}$$

$$12 + 8 + 5 + 9 = \underline{\hspace{2cm}}$$

$$(8 \times 9) - 3 = \underline{\hspace{2cm}}$$

$$(7 + 11) \times 5 = \underline{\hspace{2cm}}$$

$$3 + 80 \div 8 \times 3 - 8 = \underline{\hspace{2cm}}$$

$$2 - 1 + 5 = \underline{\hspace{2cm}}$$

$$2 \times 8 \times 7 - 2 = \underline{\hspace{2cm}}$$

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

$$8 \times (9 \times 9) + 20 \div 5 - 9 = \underline{\hspace{2cm}}$$

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

$$1 \times 3 \times 3 \times 8 = \underline{\hspace{2cm}}$$

$$4 + (10 + 11) = \underline{\hspace{2cm}}$$

$$1 + 3 + 6 = \underline{\hspace{2cm}}$$

$$(2 + 11) + 7 = \underline{\hspace{2cm}}$$

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

$$1 + 11 \times 9 = \underline{\hspace{2cm}}$$

$$2 \times 1 + 60 \div 12 = \underline{\hspace{2cm}}$$

$$9 + 10 \times 8 = \underline{\hspace{2cm}}$$

Name: _____

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	Make a Word	Sum
$\begin{array}{cccc} 1 & 2 & 4 & 8 \\ \text{M} & \text{O} & \text{L} & \text{D} \end{array}$	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;">7</div>	$\begin{array}{cccc} 1 & 2 & 6 & 10 \\ \text{S} & \text{L} & & \end{array}$	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;"></div>
$\begin{array}{ccccccc} 1 & 2 & 4 & 8 & 14 & 20 \\ \text{F} & \text{O} & & & & \end{array}$	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;"></div>	$\begin{array}{ccc} 1 & 2 \\ \text{H} & \text{I} & \end{array}$	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;"></div>
$\begin{array}{ccccc} 1 & 2 & 4 & 6 & 10 \\ & & \text{A} & & \end{array}$	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;"></div>	$\begin{array}{cccccc} 1 & 2 & 4 & 6 & 10 & 16 \\ \text{N} & \text{A} & & & & \end{array}$	<div style="border: 1px solid black; padding: 5px; width: 40px; margin: 0 auto;"></div>

26 lb = _____ oz

Write a letter that has two or more lines of symmetry.

$$\begin{array}{r} 452 \\ + 301 \\ \hline \end{array}$$

Erin wants Hannah to guess a three digit number. She tells Hannah that her number has three different digits. The digits are 7, 4, and 9. Hannah thinks. She then guesses the number 497. What are the chances that Hannah has guessed correctly?

$$\begin{array}{r} 976 \\ - 560 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ - 32 \\ \hline \end{array}$$

10 x 3 =

54 ÷ 9 =

Write a letter that has a line of symmetry. Write whether it has a horizontal, vertical, or both horizontal and vertical lines of symmetry.

$$\begin{array}{r} 39 \\ + 28 \\ \hline \end{array}$$

Name: _____

<p>Which is the smallest?</p> <p>$29.5 \div 8.6$ $29.5 \div 8.4$ $29.5 \div 8.5$</p>	<p>Wendy invented a robot. The robot's name is Eric. Eric can go a maximum speed of 4 mph. At that rate, how long would it take Eric to go 14 miles?</p>
---	--

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>three hundred twenty-six thousand, five hundred ten</p> <p>_____</p>	<p>How many centimeters are in 40 millimeters?</p> <p>_____ centimeters</p>
---	---

<p>Emily was given five numbers: 12, 10, 15, 9, and 13. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than five-sixths?</p>	<p>For 5,286,674,027, write the digit that is in the ten thousands place.</p> <p>_____</p>
--	--

<p>1 cm = 10 mm</p> <p>25 cm = _____ mm</p>	<p>Can 883 be evenly divided by 11? Circle:</p> <p>883 is NOT evenly divisible by 11</p> <p>883 is evenly divisible by 11</p>
<p>$63 \div 9 =$</p>	

Name: _____

$88 \div 8 =$	<p>Ava will win if a random number pulled out of a box is a multiple of 4. 31 pieces of paper, numbered 31 to 61, are put inside a box. What is the chance that Ava will not win?</p>	<p>Circle the addition property for $50 + 78 = 78 + 50$.</p> <p>associative property commutative property</p>
		<p>What time is 15 hours after 2:00 a.m.?</p> <p>_____</p>

<p>Draw a shape that has between three and six lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.</p>	<p>Seven kids and three adults are going to the circus. Kids' tickets are on sale for only half the price of adult tickets. The total cost is \$130. How much is one adult ticket?</p>
	<p>What prefix does each of these words have in common? Write the prefix and what you think it means on the line.</p> <p>forearm, foreground, forward</p> <p>_____</p>

<p>Write the missing family fact.</p> $102 \div 6 = 17$ $6 \times 17 = 102$ $17 \times 6 = 102$ <p>_____</p>	<p>What is the homophone of this word?</p> <p>week</p> <p>_____</p>
--	---

Name: _____

$5 + -3 =$

$16 - 5 = \underline{\quad}$

$-10 - 6 =$

$16 + -5 = \underline{\quad}$

$\frac{96}{-8} =$

$3 - 4 - 2 =$

$8 + -12 =$

Rewrite $13 - 6$

Using numbers: -6 and 13

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

$-44 + 29 =$

$-12 + 14 = \underline{\quad}$

$8 - 14 =$

$17 + -5 = \underline{\quad}$

$-7 \times 12 =$

$17 - 5 = \underline{\quad}$

$-10 \times -3 =$

$2 - 4 - 2 =$

$4 - 2 - 13 =$

Name: _____

Fill in the missing numbers.

$$0.02735 \times \underline{\hspace{2cm}} = 273.5$$

$$2.735 \times \underline{\hspace{2cm}} = 273.5$$

$$0.2735 \times \underline{\hspace{2cm}} = 273.5$$

Emma has a new job working at Pizzeria Magpie. She loves it, but she can only work two hours on Monday, two hours on Tuesday, and nine hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$15.70 per hour. How much will her first paycheck be?

Name: _____

Which of the following fractions when added to $\frac{5}{6}$ is $1\frac{1}{3}$?

$$\frac{3}{8}$$

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

$$\frac{1}{4}$$

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

$$\frac{6}{7}$$

Emma and Holly are at the paint store. They want to paint 6 rooms in their house. Each room has 340 square feet of wall to be painted. "How much paint do you think we should get?" Emma asks Holly.

"This 1 gallon of paint says it should be enough to cover 210 square feet," replies Holly.

How many gallons should they get? The store only sells whole gallons.

Name: _____

Four students (Christopher, James, Matthew, and Ryan) at a school have each been assigned a different id number (1,456,972, 756,432, 447,223, and 6,731). Each of the students is in a different grade (ninth, eighth, fifth, and first).

Figure out the id number and grade level for each student.

1. The student in the first grade has an ID number equal to $50,000 + 6,000 + 70 + 400,000 + 900 + 2 + 1,000,000$.
2. The ten thousands digit in Matthew's ID number is one more than the ones digit.
3. The student in the ninth grade does not have a two in the hundreds digit.
4. The hundreds digit in 378,047 is eight less than the grade that Ryan is in.
5. James' number is one hundred more than seven hundred fifty-six thousand, three hundred thirty-two.
6. The largest place value in Ryan's ID number is the hundred millions digit.

Christopher has an ID number of _____ and is in the _____ grade.

James has an ID number of _____ and is in the _____ grade.

Matthew has an ID number of _____ and is in the _____ grade.

Ryan has an ID number of _____ and is in the _____ grade.

It was 9 degrees above zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?

How much money is 1 quarter, 1 dime, 1 nickel, and 4 pennies?

B, _____, J, N, R, V, Z

Name: _____

Cross off the number that does NOT belong.

22, 24, 26, 30, 34, 40, 46, 54, 62, 72, 82, 83, 94, 106, 120

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

(78,125), (15,625), (12,364), (3,125),

(625), (125), (25), (5),

(1), $\frac{1}{5}$, $\frac{1}{25}$

Why does _____ not belong in the pattern?

Name: _____

Complete each pattern. Write what the rule is.

$$12 \frac{1}{5}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, 14 \frac{3}{5}, 15 \frac{2}{5}, 16 \frac{1}{5}, 17,$$

$$17 \frac{4}{5}, 18 \frac{3}{5}, 19 \frac{2}{5}, 20 \frac{1}{5}, 21, 21 \frac{4}{5}, 22 \frac{3}{5}$$

$$\underline{\hspace{2cm}}, 14 \frac{3}{5}, 15 \frac{2}{5}, 16 \frac{1}{5}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}},$$

$$18 \frac{3}{5}, 19 \frac{2}{5}, 20 \frac{1}{5}, 21, 21 \frac{4}{5}, 22 \frac{3}{5}$$

Find the missing numbers. These both have the same rule. What is the rule?

If

$$1, 12 = 13$$

$$2, 14 = 16$$

$$3, 18 = 21$$

$$4, 22 = 26$$

Then

$$5, 26 = ?$$

If

$$7, 10 = 17$$

$$8, 13 = 21$$

$$9, 15 = 24$$

$$10, 20 = 30$$

Then

$$11, 23 = ?$$

Name: _____

Each row, column, and box must have the numbers 1 through 9.

3	2			7				9
5	6						7	
7		1	9					
					2			
	8			3			5	
			5	9		2		7
4			7			5	8	1
			3				9	2
	5	7				6		

$$\begin{array}{r}
 982 \\
 756 \\
 9 \\
 + 11 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 51,634 \\
 + 33,143 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 1 \\
 4 \\
 + 7 \\
 \hline
 \end{array}$$

Name: _____

Cross off the number that does NOT belong.

4, 24, 30, 33, 198, 207

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

115, 104, 94, 85, 77, 70, 64, 59, 55, 52, 51, 50, 49

Why does _____ not belong in the pattern?

Name: _____

It snowed yesterday in Boston, Minneapolis, Berlin, and Moscow. Each city had a different amount of snow accumulation. Figure out how much it snowed in each city.

Assume 1 inch = 2.54 centimeters.

(numbers in clues are rounded to the nearest hundredth)

1. Boston and Moscow had a total accumulation of fifty-six and twenty-six hundredths centimeters.
2. Minneapolis and Moscow had a total accumulation of seventeen and fifteen hundredths inches.
3. Minneapolis and Berlin had a total accumulation of fifty-one and fifty-six hundredths centimeters.
4. Berlin had two times more snow than Moscow.

It snowed _____ in Boston.

It snowed _____ in Minneapolis.

It snowed _____ in Berlin.

It snowed _____ in Moscow.

Round the decimal 0.435 to the nearest hundredth.

What is 50% of 264?

A toy car can go 4 mph. How long would it take to go 2 miles?

How many centimeters in 6.9 meters?

$$26 + n = 42$$

What is the value of n?

Yummy Donuts gave two dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

Name: _____

Complete each pattern. Write what the rule is.

220.6	216.3	212
207.7		199.1
194.8	190.5	
181.9		173.3

Complete each pattern. Write what the rule is.

$$16 \frac{4}{7}, 17 \frac{2}{7}, 18, 18 \frac{5}{7}, 19 \frac{3}{7}, 20 \frac{1}{7}, \underline{\hspace{2cm}},$$

$$\underline{\hspace{2cm}}, 22 \frac{2}{7}, 23, 23 \frac{5}{7}, 24 \frac{3}{7}, 25 \frac{1}{7}, 25 \frac{6}{7}$$

$$12 \frac{3}{7}, 13 \frac{1}{7}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, \underline{\hspace{2cm}}, 16 \frac{5}{7},$$

$$17 \frac{3}{7}, 18 \frac{1}{7}, 18 \frac{6}{7}, 19 \frac{4}{7}, 20 \frac{2}{7}, 21$$

Name: _____

Megan, Victoria, James, Luis, Taylor, and Kayla each have a certain number of pens. One has sixteen pens, one has ten pens, one has seventeen pens, one has six pens, one has eight pens, and one has eighteen pens.

Figure out how many pens each person has.

1. If Victoria gave James three pens, James would have twenty-one pens and Victoria would have three pens.
2. Luis has seven fewer pens than Taylor.
3. Luis is not the one with sixteen pens.
4. Kayla is not the one with seventeen pens.
5. Taylor and Kayla have twenty-five pens altogether.
6. Kayla has two fewer pens than Luis.
7. Taylor has seven more pens than Luis.
8. Luis is not the one with eight pens.
9. Megan and Luis have twenty-six pens altogether.
10. Kayla is not the one with sixteen pens.

Megan has _____ pen(s).

Victoria has _____ pen(s).

James has _____ pen(s).

Luis has _____ pen(s).

Taylor has _____ pen(s).

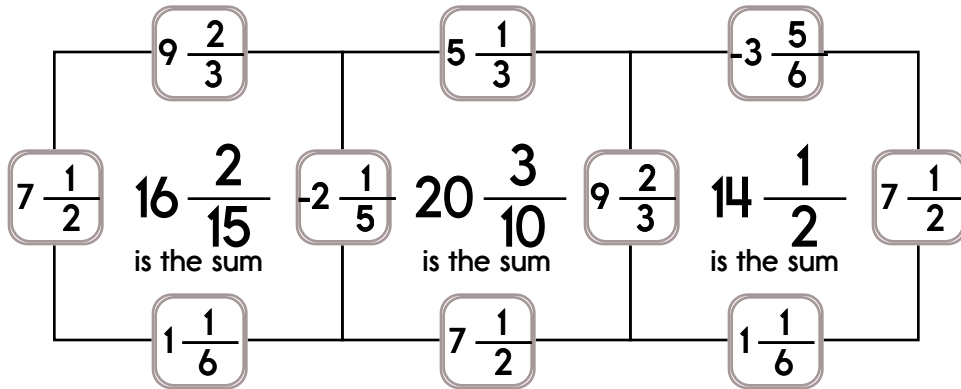
Kayla has _____ pen(s).

Name: _____

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

$$7\frac{1}{2} + -2\frac{1}{5} + 9\frac{2}{3} + 1\frac{1}{6} \qquad 9\frac{2}{3} + 7\frac{1}{2} + -3\frac{5}{6} + 1\frac{1}{6}$$

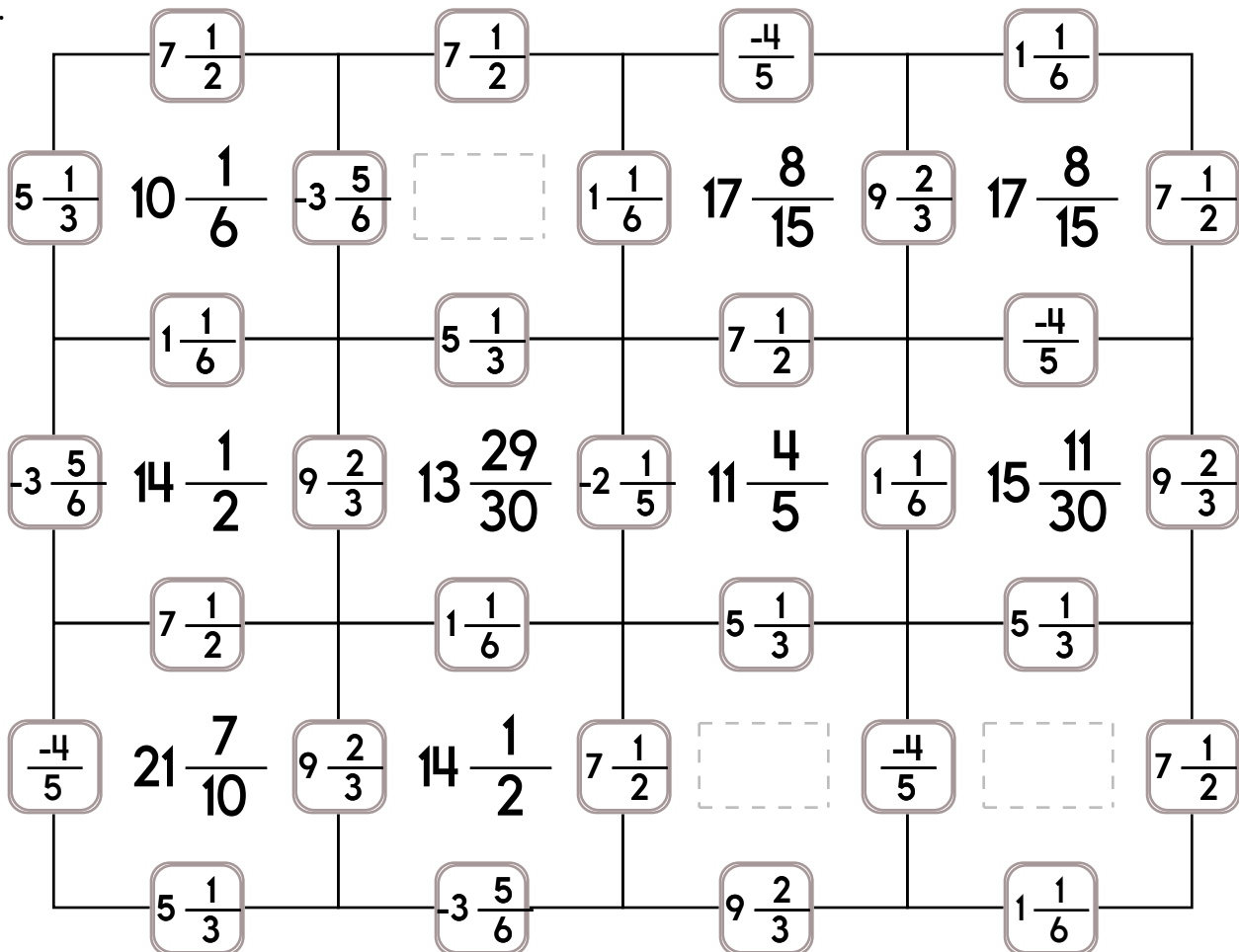
Sample:



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

The other three numbers have to all be DIFFERENT and must be from these: $9\frac{2}{3}$, $1\frac{1}{6}$, $7\frac{1}{2}$, or $5\frac{1}{3}$.



Name: _____

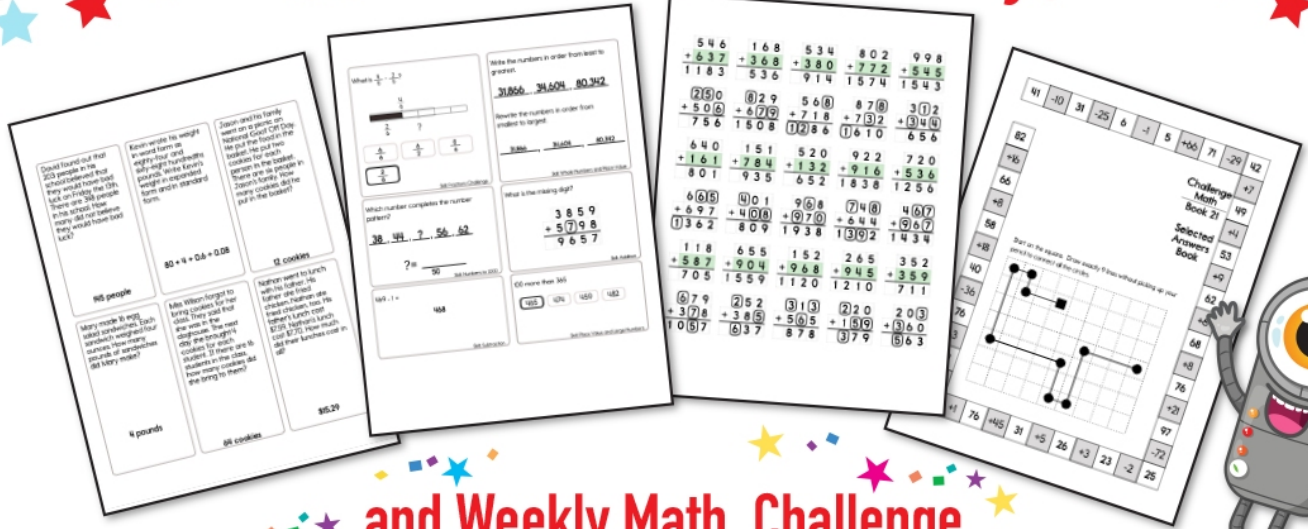
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: $-1\frac{3}{5}$, $\frac{-3}{8}$, or $-3\frac{2}{5}$.

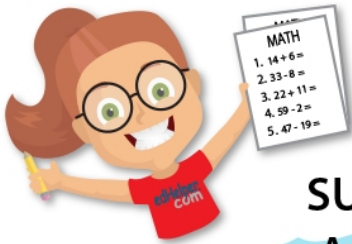
The other three numbers have to all be DIFFERENT and must be from these: $\frac{4}{5}$, $5\frac{1}{5}$, $4\frac{4}{5}$, or $2\frac{4}{5}$.

	$2\frac{4}{5}$		$5\frac{1}{5}$		$-3\frac{2}{5}$		$\frac{-3}{8}$	
$5\frac{1}{5}$	$11\frac{1}{5}$	$-1\frac{3}{5}$	$7\frac{1}{5}$	$\frac{4}{5}$	5	$4\frac{4}{5}$	$8\frac{1}{40}$	$\frac{4}{5}$
	$4\frac{4}{5}$		$2\frac{4}{5}$		$2\frac{4}{5}$		$2\frac{4}{5}$	
$-3\frac{2}{5}$	$7\frac{2}{5}$	$\frac{4}{5}$	$7\frac{1}{5}$	$5\frac{1}{5}$	$9\frac{2}{5}$	$4\frac{4}{5}$	$9\frac{2}{5}$	$-3\frac{2}{5}$
	$5\frac{1}{5}$		$-1\frac{3}{5}$		$-3\frac{2}{5}$		$5\frac{1}{5}$	
$-3\frac{2}{5}$	$9\frac{2}{5}$	$4\frac{4}{5}$	$9\frac{1}{5}$	$5\frac{1}{5}$	$9\frac{2}{5}$	$2\frac{4}{5}$	$7\frac{1}{5}$	$\frac{4}{5}$
	$2\frac{4}{5}$		$\frac{4}{5}$		$4\frac{4}{5}$		$-1\frac{3}{5}$	
$-3\frac{2}{5}$	$9\frac{2}{5}$	$5\frac{1}{5}$		$-3\frac{2}{5}$	5	$\frac{4}{5}$	$7\frac{1}{5}$	$2\frac{4}{5}$
	$4\frac{4}{5}$		$2\frac{4}{5}$		$2\frac{4}{5}$		$5\frac{1}{5}$	
$5\frac{1}{5}$	$10\frac{17}{40}$	$\frac{4}{5}$	$8\frac{1}{40}$	$4\frac{4}{5}$		$\frac{4}{5}$		$-3\frac{2}{5}$
	$\frac{-3}{8}$		$\frac{-3}{8}$		$-1\frac{3}{5}$		$4\frac{4}{5}$	

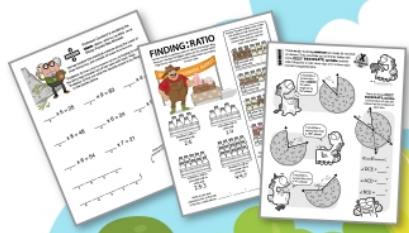
Subscribe to Get Answer Keys



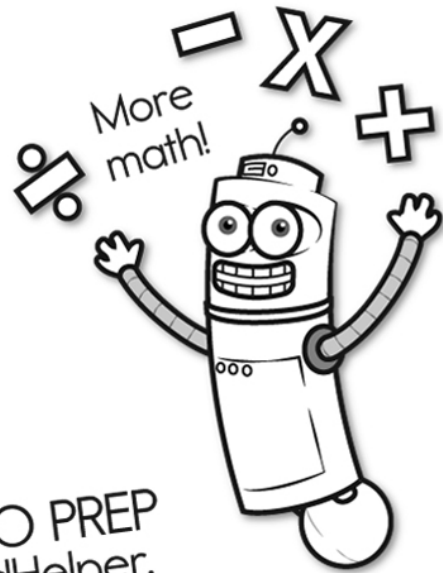
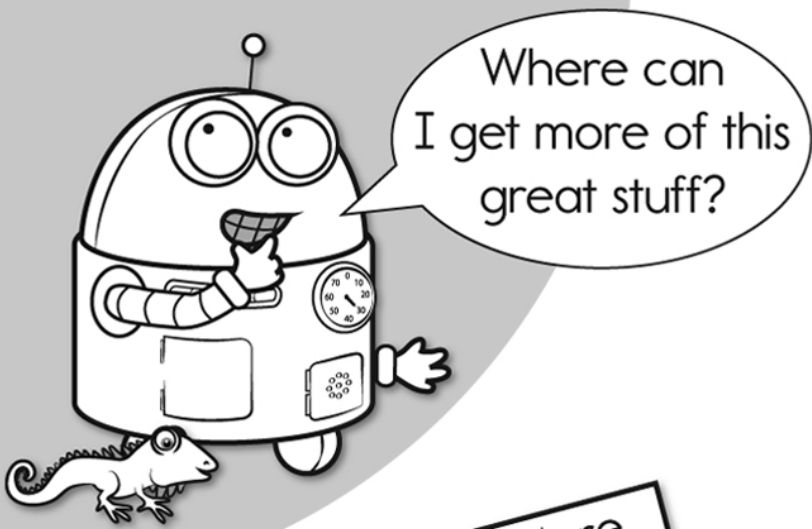
and Weekly Math, Challenge
Workbooks, Posters, Daily Reading,
and so much more!



SUBSCRIBE TO RECEIVE EVEN MORE
Answer Keys • Effective Activities • Access
to as many printables as you need!



edHelper.com



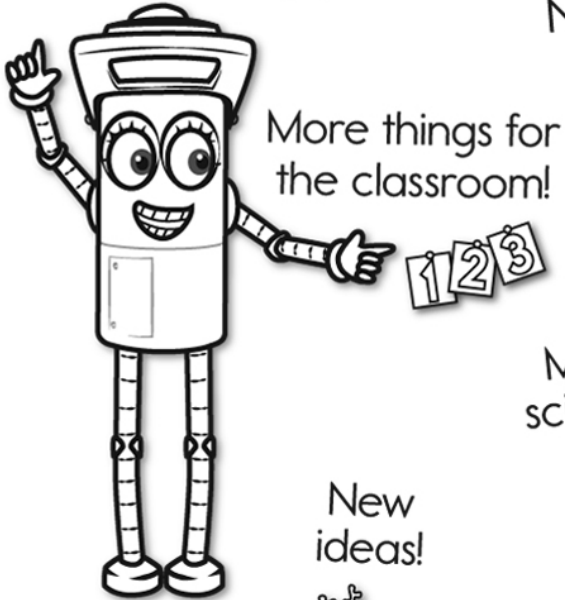
It's NO PREP at edHelper.

More history!

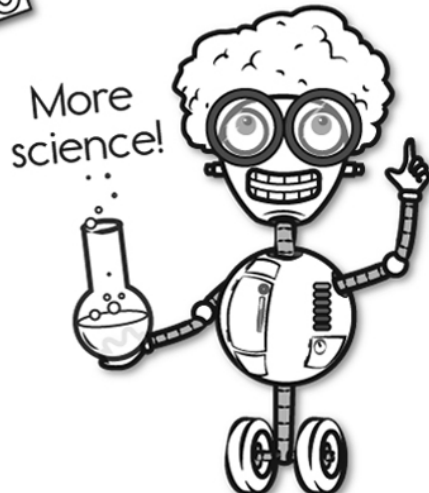


edHelper.com!

New online math games!

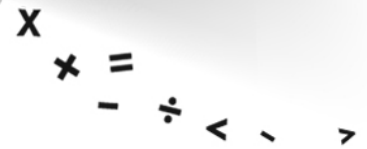


More things for the classroom!

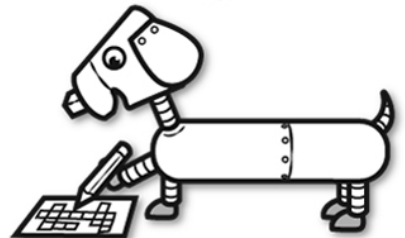


More science!

New ideas!



More puzzles!



Take The Boring Out Of Homework!

Easy to
print!

edHelper

Weekly K-6 "Take It Home" Books

Kids want choices
for homework.
"Take It Home" books
have fun graphics and
challenging puzzles and
problems for older kids.

"Dr. Programmer"
challenges kids..

Homework
will never be
the same!

edHelper.com

