

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

$$2 - 3 - 2 =$$

$$9 + -6 =$$

$$8 + -7 =$$

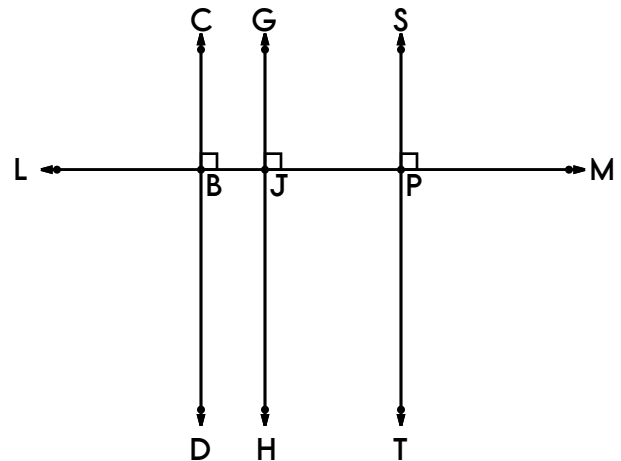
Write the ratio as a fraction.  
14 to 7

Change to a percent.

$$\frac{21}{100}$$

Change to a percent.  
0.02

Sketch 2 lines  $\overleftrightarrow{IJ}$  and  $\overleftrightarrow{VW}$  that are perpendicular.



Name 2 parallel lines (or write none).

Name 2 perpendicular lines (or write none).

Give another name for angle  $\angle JPS$ .

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

$$14 + -11 = \underline{\quad}$$

$$14 - 11 = \underline{\quad}$$

What is the number that is 8 less than 4?

$$4 - 3 - 2 =$$

Use a protractor to draw an  $85^\circ$  angle.

Use a protractor to draw an acute angle  $\angle ABC$ .

Sketch a right angle named  $\angle ABC$ .

$$3\frac{3}{4} \times \frac{2}{3} =$$

Write the reciprocal.

$$\frac{3}{1}$$

$$3\frac{1}{7} \times \frac{7}{10} =$$

$$6 \overline{) 13.8}$$

$$\begin{array}{r} 8.7 \\ \times 6 \\ \hline \end{array}$$

$$9 \overline{) 54.9}$$

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

$$\begin{array}{r} 48.4 \\ +457.4 \\ \hline \end{array}$$

$$\begin{array}{r} 10.89 \\ - 9.45 \\ \hline \end{array}$$

$$0.24 + 5.1 + 0.4 =$$

$$\begin{array}{r} 97 \\ \times 2 \\ \hline \end{array}$$

$$70 \overline{) 8474}$$

$$8 \overline{) 616}$$

Divide and write remainder.

$$x - 9 = 2$$

$$25 - n = 19$$

Is the least common multiple of 8 and 6 smaller, equal to, or greater than the greatest common factor of 8 and 6?

Write as a decimal.  
Fourteen thousandths

Write as a decimal.  
Forty-three hundredths

Write as a decimal.

$$14 \frac{2}{10}$$

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

Rewrite  $9 - 6$

Using numbers:  $-6$  and  $9$

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

$$-3 + 18 = \underline{\quad}$$

$$16 - 4 = \underline{\quad}$$

$$16 + -4 = \underline{\quad}$$

Change to a decimal.  
 $2\%$

$6$  is what % of  $15$ ?

Find  $52\%$  of  $409$ .

$$8 \overline{) 333}$$

Divide and write remainder.

$$6 \overline{) 486}$$

$$44 \overline{) 3520}$$

Divide and write remainder.

$$12 \times -8 =$$

$$6 \div -1 =$$

$$24 + -37 =$$

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

There are 48 students in Hunter's class. Most of them like cheesecake, but  $\frac{1}{3}$  of them don't like it at all! How many students don't like cheesecake?

Connor spent \$17.2 on TV dinners. The dinners cost \$3.44 each. How many TV dinners did Connor buy?

Peter needed a new light bulb for his lamp. He could not read in the dark! He could buy 4 bulbs for \$8.45. What was the cost of one bulb?

The principal of your school wants to buy fifty-three books. Each book costs \$10.50. She wants to estimate how much it will cost. Show her how you would estimate the cost:

$$\begin{array}{r} 346 \\ + 343 \\ \hline \end{array}$$

$12 \times 4 =$

Can 587 be evenly divided by 5? Circle:  
587 is NOT evenly divisible by 5  
587 is evenly divisible by 5

Robert invented a robotic bug. The bug can crawl six centimeters in twenty-two seconds. How long would it take the bug to crawl forty-two centimeters?

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

<p>How many grams are in 4 kilograms?</p> <p>_____ grams</p>	<p>What can you multiply by 7 to get 2?</p>
<p>Circle the correctly spelled words.</p> <p>crate, crate danety, dainty drug, drugg</p>	

$\begin{array}{r} 45 \\ + 33 \\ \hline \end{array}$	<p>For 5,381,701,450,725, write the digit that is in the ten thousands place.</p> <p>_____</p>	<p>12 x 6 =</p>
---	--	-----------------

$\begin{array}{r} 274 \\ - 211 \\ \hline \end{array}$	<p>18 km = _____ m</p> <p>1 kg = 1,000 g</p> <p>23 kg = _____ g</p>	<p>April has two favorite numbers. If you add her favorite numbers, you get 26. If you multiply her favorite numbers, you get 133. What are her mystery numbers?</p> <p>_____</p>
---	---	---

<p>Write this as a number in standard form. Use a comma in your number.</p> <p>seven hundred seventy-eight thousand, four hundred five</p> <p>_____</p>	<p>In the number 593,052,140,438, the digit 8 is in what place?</p> <p>_____</p>
---	--

$\begin{array}{r} 98 \\ - 76 \\ \hline \end{array}$	<p>What time is 16 hours after 2:00 a.m.?</p> <p>_____</p>	<p>In each group, circle the word that is spelled correctly.</p> <p>spaghetti, spagetti brought, broght carear, career</p>
---	--	--

<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>	<p>Circle the correctly spelled words.</p> <p>May I (have/hav) that tree (branch/brantch) for my tree house?</p>
--	--

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

Maria multiplied two one-digit numbers and then added 160. The result was 262. Emily does not believe her and thinks Maria made a mistake. Who is correct?

Circle the digit in the hundredths place.

25.72

What is the meaning of the underlined word?

My parents take an annual ski vacation every winter.

\_\_\_\_\_

Erin is getting messy. She has made a 7' x 7' x 7' cube out of clay blocks. She wants her art project to have at least a surface area of 308 square feet. Does she need to add more clay? Hint: To measure the surface area of a cube, find the length of one side, square it to get the area of one face, and then multiply that result by six because a cube has six identical square faces.

Write a fraction to represent the situation.

Situation: 35 kids want to be chosen for a 9-player soccer team.

Write a fraction:

This fraction is between what two whole numbers?

between \_\_\_\_\_ and \_\_\_\_\_

$$66 \div 6 =$$

Circle the greatest number:

574,829,603

6,432

17,302

7,805,199

Three 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 \$72. How much is one adult ticket?

Circle the conjunction in the sentence. Explain its function in the sentence.

Thomas Jefferson bought the Louisiana Territory from France, and that purchase more than doubled the size of the United States.

\_\_\_\_\_

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

÷ • 1 • 8 • 6 • 1 • x • 5 • 1 • x • 3 • 3 • 5 • 2 • 7 • ÷ • 3 • =  
9 • 4 • 5

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

The puzzle grid contains the following numbers and symbols in its cells:

- Row 1: 0
- Row 2: 8, 8, =
- Row 3: 1, ÷, 5
- Row 4: 7, 2, ÷, =, 9
- Row 5: 9, =, 6, x, 1, =, 6
- Row 6: 0, 0, =, 0, 3, 5
- Row 7: =, 4, =, 4
- Row 8: 2, 4, ÷, 8, =, 2, ÷, 1, 8
- Row 9: 7, 5, 5, 6, ÷
- Row 10: ÷, 4, ÷, 9, =, 5, 1
- Row 11: 9, 7, 3
- Row 12: =, x, 1, =, 4, 3
- Row 13: 3

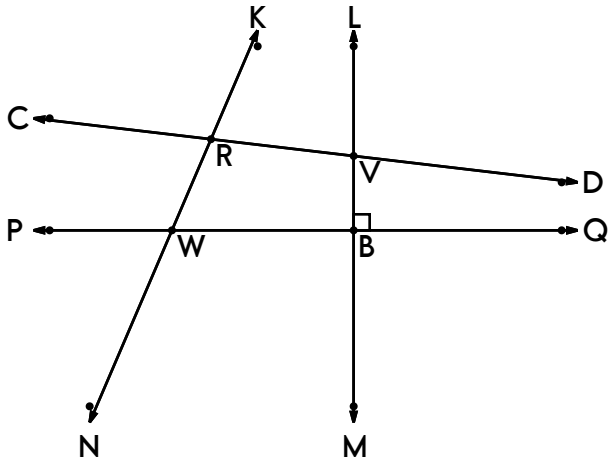
Write 6,242,256 in words.  
\_\_\_\_\_

$33 \div 3 =$

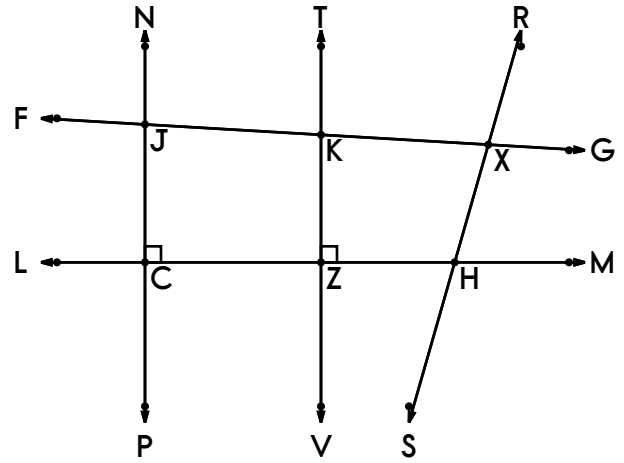
Can 950 be evenly divided by 9? Circle:  
950 is evenly divisible by 9  
950 is NOT evenly divisible by 9

How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.

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



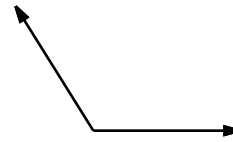
How many lines can you name that include point W?



Name 3 line segments on  $\overleftrightarrow{LM}$ .



What kind of angle is this?



What kind of angle is this?

Write the supplement of each angle.

$15^\circ$

$34^\circ$

$38^\circ$

Sketch two parallel lines.

Use a protractor to draw an acute angle  $\angle DEF$ .

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

$$\begin{array}{r} 56 \\ X \quad \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ X \quad \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ X \quad \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ X \quad \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ X \quad \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 60 \\ X \quad \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ X \quad \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ X \quad \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ X \quad \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ X \quad \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ X 69 \\ \hline \end{array}$$

$$\begin{array}{r} 99 \\ X 71 \\ \hline \end{array}$$

$$\begin{array}{r} 73 \\ X 46 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ X 12 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ X 87 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ X 20 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ X 30 \\ \hline \end{array}$$

$$\begin{array}{r} 81 \\ X 36 \\ \hline \end{array}$$

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

$$\begin{array}{r} 51 \\ X \quad \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ X \quad \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 76 \\ X \quad \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ X \quad \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ X \quad \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ X \quad \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 85 \\ X \quad \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 53 \\ X \quad \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ X \quad \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 94 \\ X \quad \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ X 34 \\ \hline \end{array}$$

$$\begin{array}{r} 50 \\ X 77 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ X 28 \\ \hline \end{array}$$

$$\begin{array}{r} 58 \\ X 95 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ X 36 \\ \hline \end{array}$$




$$\begin{array}{r} 60 \\ X 63 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ X 32 \\ \hline \end{array}$$











$$\begin{array}{r} 22 \\ X 14 \\ \hline \end{array}$$

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

Draw ONE continuous line that touches every box ONCE.  
Count by 1.1s. Find the box with the number 4. Move up, down, right, or left.  
Keep counting until you reach 16.1. Do not move into a spot with a ghost.

	6.2	7.3	8.4	9.5
	5.1	15	13.9	10.6
	4	16.1	12.8	11.7

Draw ONE continuous line that touches every box ONCE.  
Count by 9.1s. Find the box with the number 4. Move up, down, right, or left.  
Keep counting until you reach 176.9. Do not move into a spot with a ghost.

176.9									
					67.7				
			95		4	13.1			

The diameter of a circle is 1,422 cm. What is the radius of this circle?

Round the decimal 0.345 to the nearest hundredth.

It was 2 degrees above zero in the morning. By afternoon the temperature rose 29 degrees. How warm was it?

47, 65, 83, 101, \_\_\_\_\_, 137,  
155, 173

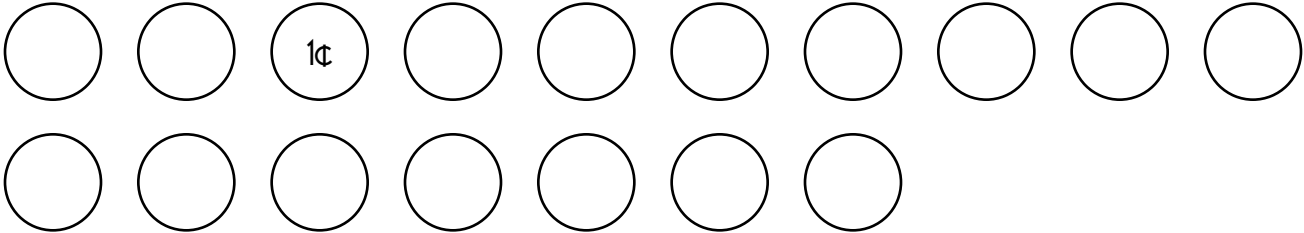
$$7 \div \frac{1}{5}$$

What 6 coins add up to 120 cents?

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

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Hannah has \$25.17. She has 2 bills and 17 coins. How?



Mary has \$6.14. She has 2 bills and 16 coins. How?

Hunter has \$50.21. He has 5 bills and 18 coins. How?

Circle the smallest number:

615,240

14,538

509,128,376,483

79,049,358,267

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

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.  
! The picture is NOT in the correct spot.

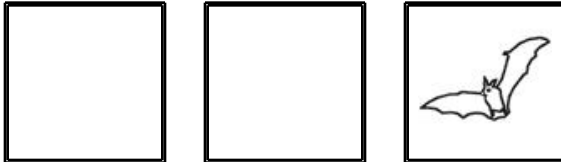


! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



! Draw 2 of these 3 pictures.  
! The pictures to use are in the correct spot.

Draw the 3 pictures in the correct order:



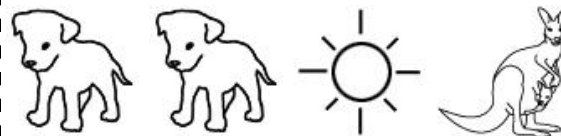
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



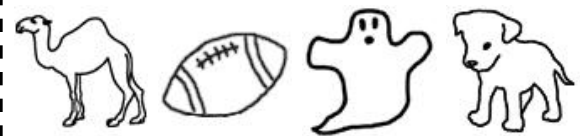
! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.



! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.



! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.

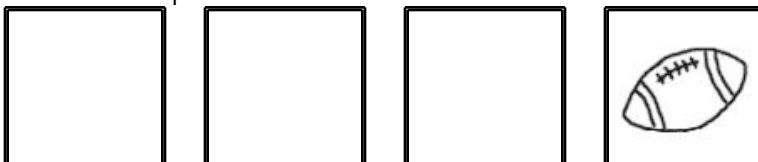


! Draw 3 of these 4 pictures.  
! 1 of those pictures is in the correct spot.



! Draw 2 of these 4 pictures.  
! The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



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

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

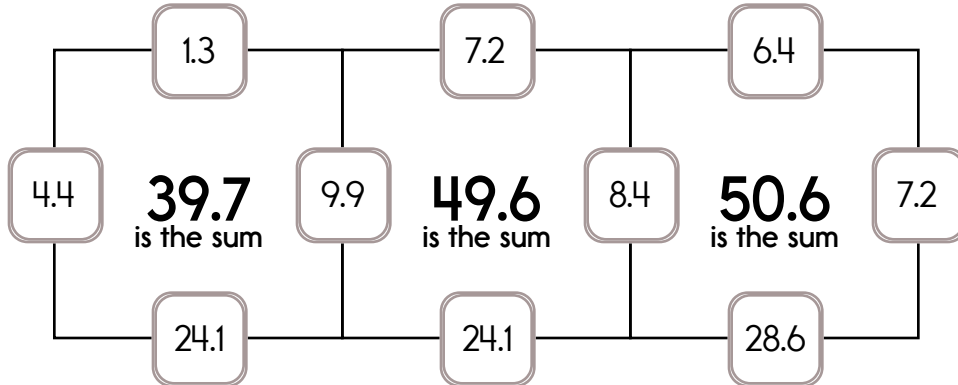
Example:

$$4.4 + 9.9 + 1.3 + 24.1 = 39.7$$

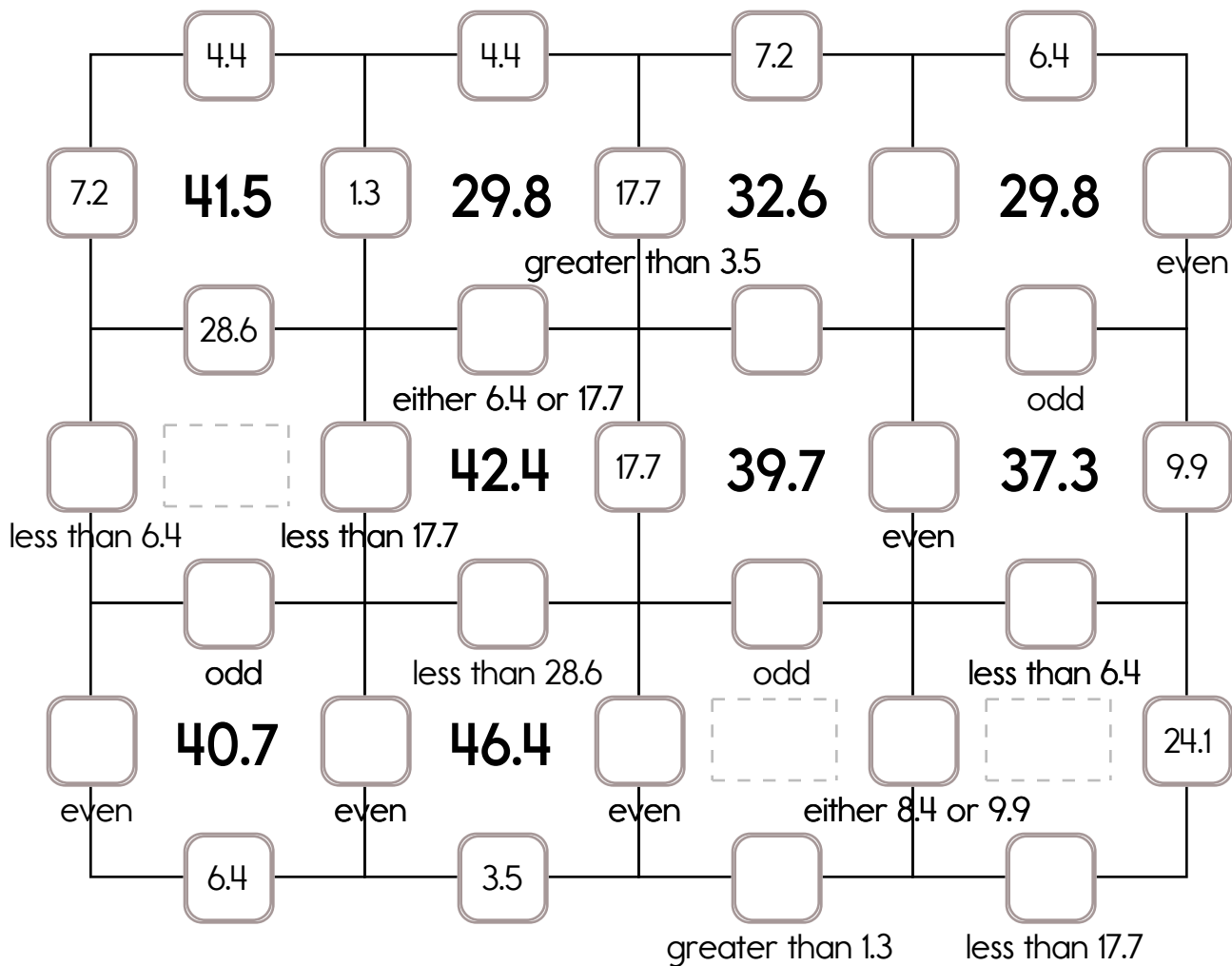
Example:

$$8.4 + 7.2 + 6.4 + 28.6 = 50.6$$

Sample:

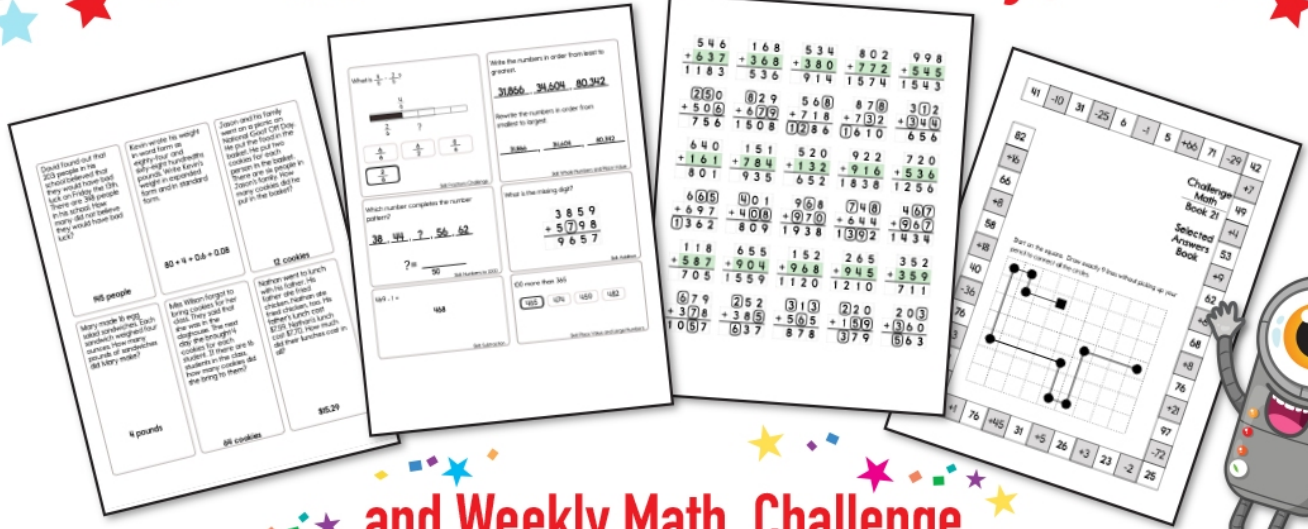


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 28.6, 24.1, or 17.7. The other three numbers have to all be DIFFERENT and must be from these: 4.4, 6.4, 9.9, 3.5, 1.3, 7.2, or 8.4.

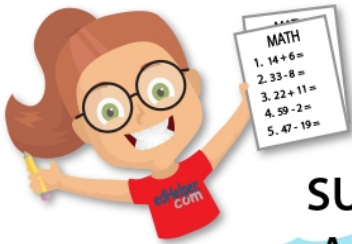




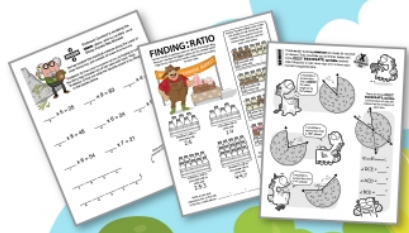
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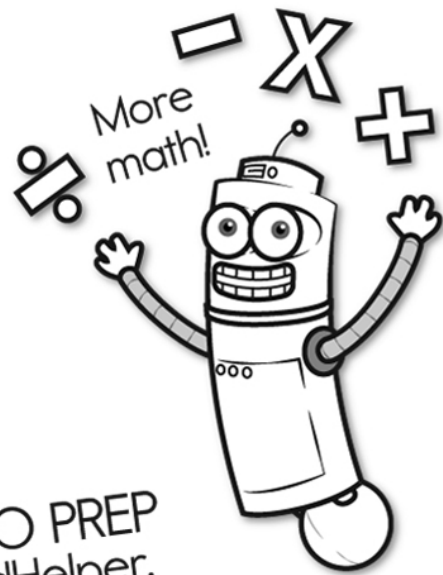
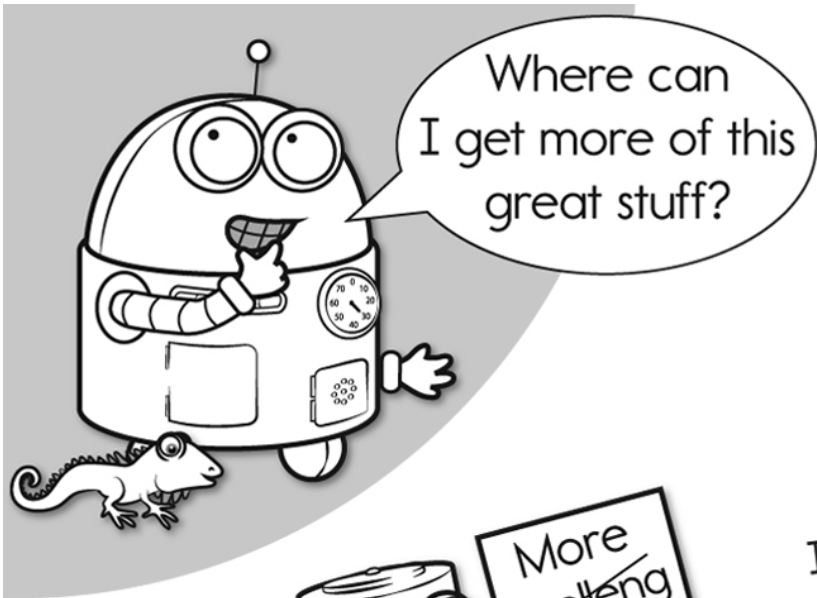
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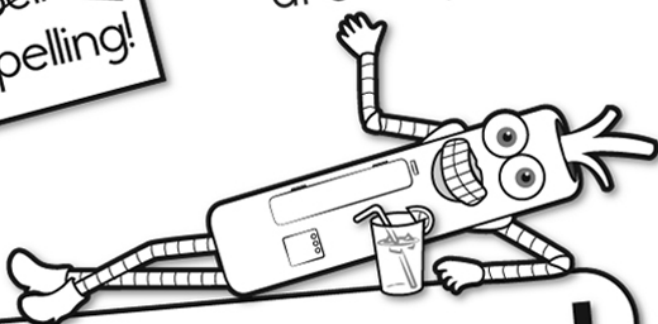


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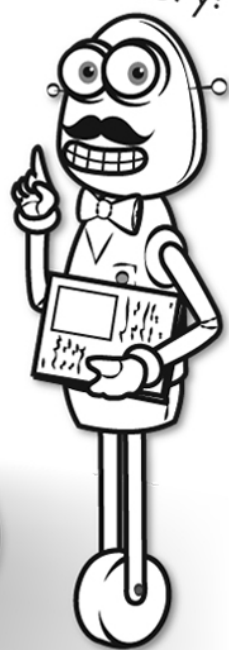


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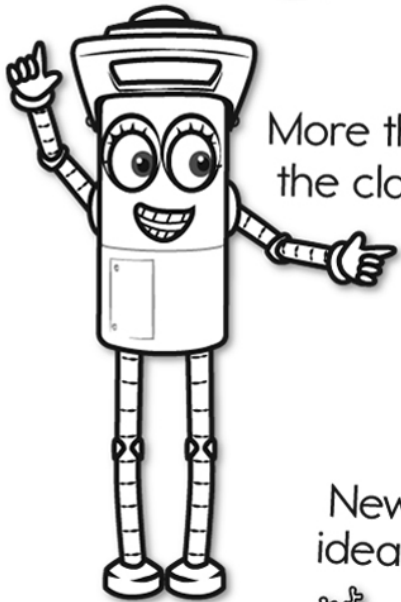
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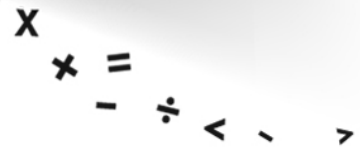
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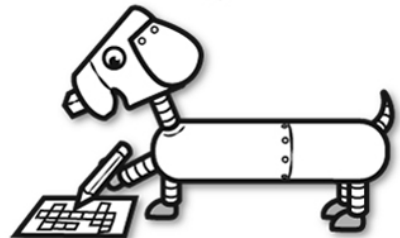
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