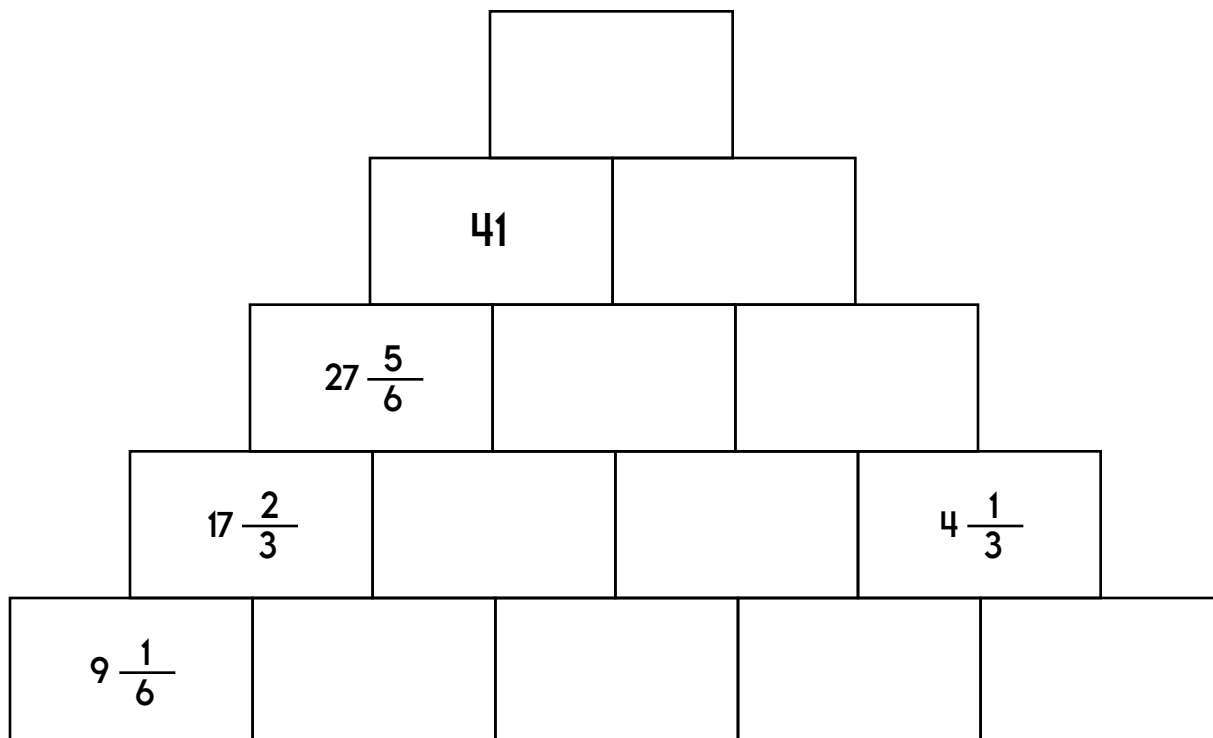
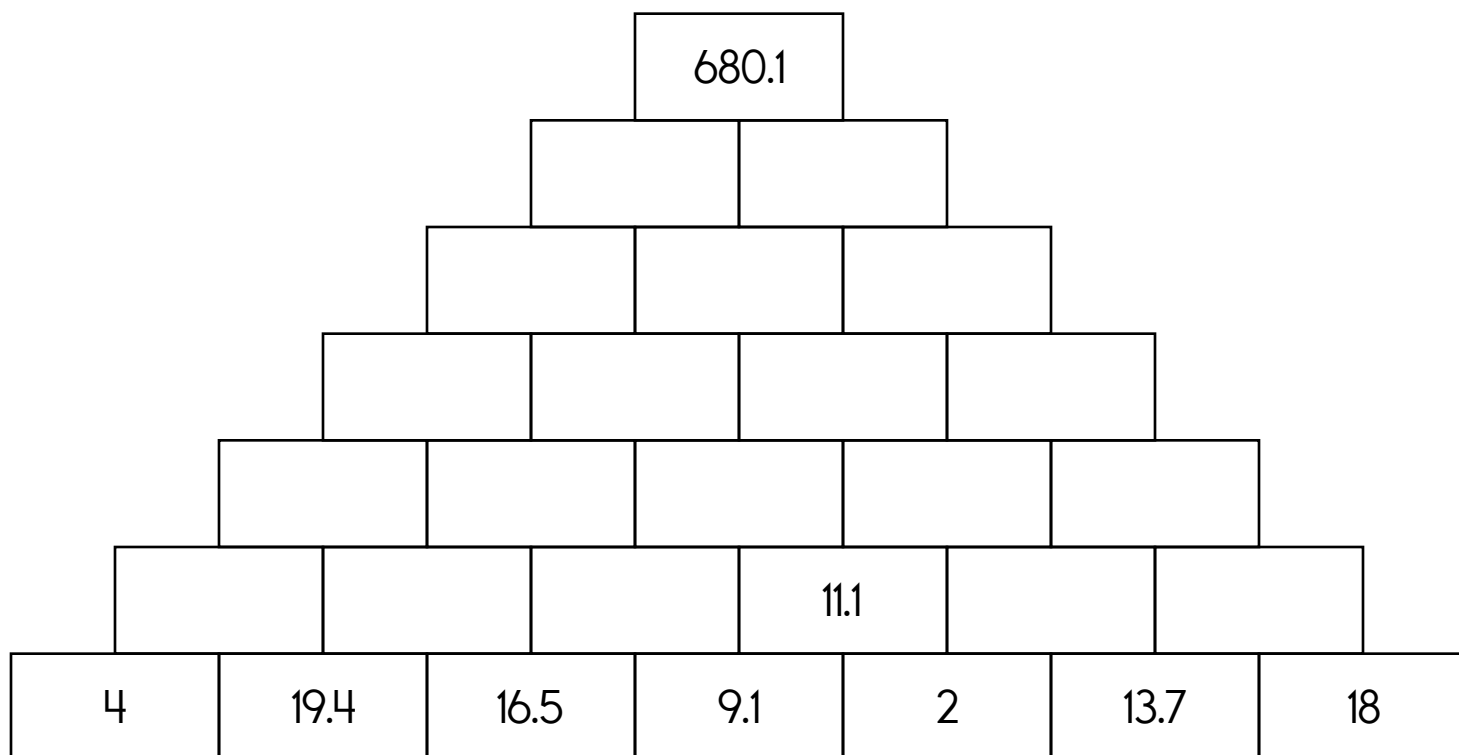


Name: _____

The block above is the sum of the two blocks below. Fill in the missing blocks.



$(3 + 5) + 3 =$

Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math



= Do it
in your
head!

imagine 8 in your head

double it

subtract 8

Write the number.

A

imagine 4 in your head

multiply 6

double it

subtract 8

subtract 9

Add the tens digit to the ones digit.

Write the sum.

B

imagine 7 in your head

double it

subtract 8

add 8

Write the even digit in your answer.

C

imagine 9 in your head

subtract 7

multiply 8

subtract 6

Write the ones digit.

D

What is the sum?

A + B + C + D

Wow! Great job! That's the answer, but do you know how to SPELL the number?

_____ t _____ n _____

5 after 19 _____

4 before 19 _____

8 before 14 _____

7 after 15 _____

3 before 16 _____

9 before 12 _____

2 after 12 _____

6 before 15 _____

5 before 18 _____

9 after 13 _____

7 before 11 _____

2 before 17 _____

Name: _____

Anne and Megan made packages of shampoo, soap, and combs. They had 108 bottles of shampoo, 90 bars of soap, and 120 combs. What is the greatest number of identical packages they could make without any items left over?

Ms. Rodriguez drove from her home to Marksville to notarize some documents for the court. It is one hundred forty-nine miles to Marksville and it took her 2 hours and 52 minutes to drive there. What was Ms. Rodriguez's average speed on the trip?

Eric has a headache. He can't stand long lists. "Can you repeat that again?" he asks. "It's easy. Name a number that is greater than 5, less than 17, is a multiple of 7, and FINALLY is a factor of 49," replies Connor.

Peter took a big bowl from the kitchen to see what kind of fun party mix he could create. He added $2\frac{2}{3}$ cups of raisins, $\frac{2}{7}$ cup of Cheerios, $\frac{1}{2}$ cup of Goldfish crackers, and $1\frac{3}{8}$ cups of pretzels. How many cups of food are now in the bowl?

Name: _____

Write each as a decimal.

52.4% as a decimal is _____

8 hundredths as a decimal is _____

48% as a decimal is _____

$8\frac{4}{10}$ as a decimal is _____

Convert to a fraction or mixed number and simplify.

$$0.006 =$$

$$2.07578 =$$

$$0.0006 =$$

$$9.28 =$$

$$27.04627 =$$

$$5.1 =$$

Change $\frac{2}{5}$ to a decimal.

Change to decimals.

$$72\% = \underline{\hspace{2cm}}$$

$$9\% = \underline{\hspace{2cm}}$$

$$80\% = \underline{\hspace{2cm}}$$

$$39\% = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 805 \\ - 92 \\ \hline \end{array}$$

Change 0.6 to a percent.

Reduce $\frac{25}{45}$ to its lowest terms.

Name: _____

Write as a fraction in simplest form.

$$\frac{2}{3} + \frac{1}{12} + \frac{3}{4} = \underline{\hspace{2cm}}$$

$$\frac{1}{3} + \frac{2}{5} + \frac{8}{15} = \underline{\hspace{2cm}}$$

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

$$\begin{array}{r} 81.5 \\ 995.79 \\ 667.448 \\ +128.8 \\ \hline \end{array}$$

$$\begin{array}{r} 223 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 26,529 \\ 26,540 \\ + 34,629 \\ \hline \end{array}$$

$$\begin{array}{r} 764 \\ 2,395 \\ + 196 \\ \hline \end{array}$$

Write the decimal in words.
 6.0003

$$\begin{array}{r} 6\frac{1}{9} \\ + 5\frac{8}{9} \\ \hline \end{array}$$

Name: _____

Emma and Jenna left their house at 10:43 a.m. to go to the beach. They returned home tired and sunburned at 5:17 p.m. How long had they been away?

$25 \div 5 = \underline{\hspace{2cm}}$

Emily rolls two dice. What is the chance of her rolling a 1 on one die and a 2 on the other die?

$$\begin{array}{r} 314 \\ + 400 \\ \hline \end{array}$$

David has three pennies and one dime. He also has one other coin that is different from the rest of his coins. How much could he have?

11 kg = _____ g

1 cm = 10 mm
8 cm = _____ mm

Anne rolls a die. What is the chance of her rolling a 2?

$$\begin{array}{r} 41 \\ - 21 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 34 \\ \hline \end{array}$$

$5 \times 11 = \underline{\hspace{2cm}}$

Name: _____

<p>What time is 16 hours after 4:00 a.m.?</p> <p>_____</p>	<p>Holly and Emily are playing a number game. Holly says 8. Emily replies that the answer is 12. Holly says 2. Emily replies that the answer is 6. Holly says 7. Emily replies that the answer is 11. Holly says 10. Emily replies that the answer is 14. Holly says 6. Emily is thinking. What number should Emily reply with?</p>
--	---

$\begin{array}{r} 513 \\ - 461 \\ \hline \end{array}$	$4,652 - 3,669 = \underline{\hspace{2cm}}$	$32 \div 8 = \underline{\hspace{2cm}}$
---	--	--

$681 - 294 = \underline{\hspace{2cm}}$	<p>Mary cannot open her locker. She knows that the three numbers are: 23, 3, and 11, but she cannot remember the order of the numbers. How many different combinations are there? List ten of them.</p>
$7 \times 12 = \underline{\hspace{2cm}}$	

<p>How many grams are in 8 kilograms?</p> <p>_____ grams</p>	$928 - 275 = \underline{\hspace{2cm}}$
--	--

$9 \times 7 = \underline{\hspace{2cm}}$	<p>Circle the smallest number:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding: 5px;">9,405</td> <td style="padding: 5px;">829,763</td> </tr> <tr> <td style="padding: 5px;">87,231</td> <td style="padding: 5px;">2,517,406,839</td> </tr> </table>	9,405	829,763	87,231	2,517,406,839	$3 \times 10 = \underline{\hspace{2cm}}$
9,405	829,763					
87,231	2,517,406,839					

Name: _____

In the number 7,927,223,493, the digit 4 is in what place?

Three-fifths of the children in Hall's class want to go outside. If Hall agrees with the majority, will the class stay inside or go outside?

$7 \times 10 =$ _____

Write 334,502 in words.

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 4, 3, 4, 1, and 6. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.

Circle the addition property for $56 + 71 = 71 + 56$.
commutative property
associative property

$88 \div 8 =$ _____

The letters A and M each have a line of symmetry. Name another letter between A and M that has a line of symmetry.

$40 \div 8 =$ _____

You are given three cards. One card has the number 1 on it, another card has a 2, and the last card has the number 3 on it. Use two cards to make a fraction. What is the smallest fraction that you can make?

$2 \times 5 =$ _____

$7 \times 10 =$ _____

$18 \div 3 =$ _____

Name: _____

$$6 \cdot 3 \cdot x \cdot 3 \cdot = \cdot 9 \cdot 8 \cdot = \cdot 9 \cdot 2 \cdot 6 \cdot 2 \cdot 1 \cdot x \cdot 6 \cdot = \\ 2 \cdot 0 \cdot 5 \cdot 5$$

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

					3 0 ÷				=	5	
								=			
			÷ 4 = 2						x		
									4		
									1		
									8 x 4 = 3		
			x 5 = 3 0						÷	6	
			3			x			6	7	
1	÷	1	=		0		8			= 4 8	
÷			2					2		2	
3			7		1 0 x			= 0			
=								1			
7	x	= 3 5						2		5 ÷ 5 =	

2 x 11 = _____

9,518 - 1,127 = _____

Sarah rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being four?

5 x 7 = _____

10 x 5 = _____

Name: _____

There are five objects (a navy object, a blue object, a red object, a black object, and a violet object). Each object has a different mass (58 g, 72 g, 68 g, 5 g, and 51 g) and a different volume (1 cubic cm, 42 cubic cm, 48 cubic cm, 136 cubic cm, and 96 cubic cm).

Density = Mass / Volume

Figure out the mass, volume, and density of each object.

1. The blue object has a greater mass than the navy object.
2. The volume of the blue object is not 42 cubic cm.
3. One object has a volume of 1 cubic cm and a density of 5 grams per cubic cm.
4. The volume of the black object is not 1 cubic cm and it is also not 136 cubic cm.
5. The blue object has a density of 0.75 grams per cubic cm and a mass of 72 g.
6. The density of water is 1.0 grams per cubic cm. If the black object was placed in water, it would sink.
7. The density of water is 1.0 grams per cubic cm. If the navy object was placed in water, it would float.
8. The red object has a mass of 51 g and a density of 1.063 grams per cubic cm.
9. The density of aluminum is 2.7 grams per cubic cm. The violet object is more dense than aluminum.

navy object has a mass of _____, a volume of _____, and a density of _____.

blue object has a mass of _____, a volume of _____, and a density of _____.

red object has a mass of _____, a volume of _____, and a density of _____.

black object has a mass of _____, a volume of _____, and a density of _____.

violet object has a mass of _____, a volume of _____, and a density of _____.

$55,778 - 28,898 =$ _____

$3 \times 9 =$ _____

$99 \div 11 =$ _____

Name: _____

Draw a line to match each problem with the same answer.

80% of 40



88% of 75

65% of 60



88% of 25

55% of 120



24% of 150

16% of 75



15% of 80

14% of 150



20% of 160

41% of 100



26% of 150

90% of 40



12% of 175

25% of 88



82% of 50

If $s = 5$ and $t = -8$ then
what is $s^2 + t^2$?

$$24 \div 3 + 6$$

$$5 \times 5 = 5^x$$

What is the value of x ?

$$9 \times 1 - 7 + 11 + 11$$

Each side of a regular
pentagon is 80.8
centimeters. What is the
perimeter?

$$10g - 24.2 = 46.8$$

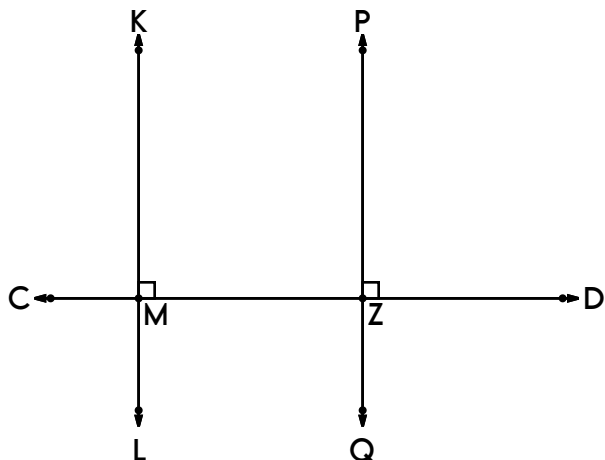
$$g =$$

Crazy Justin had pizza 22
days in the month of June.
Approximately what
percent of the month did
he have pizza?

48, 52, 59, 69, _____, 98,
117, 139, 164, 192, 223

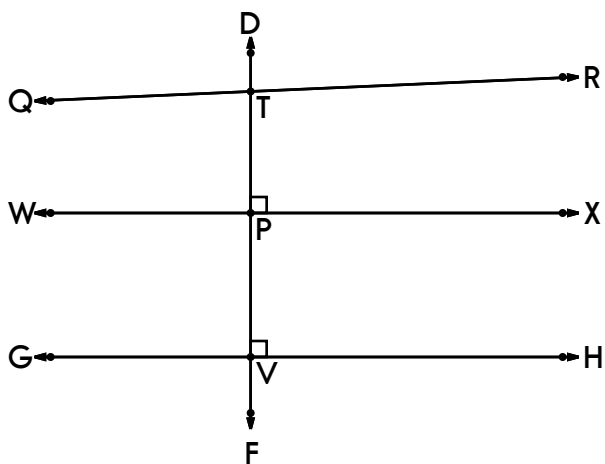
A circle graph has five
sections. Only four
sections are labeled. The
labels are 8%, 15%, 35%,
and 4%. What should the
missing section be?

Name: _____



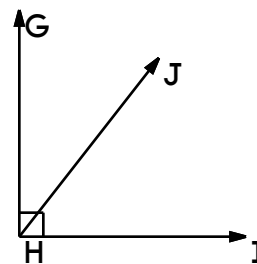
Show where all the right angles are.
How many right angles did you find?

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



Name 2 angles with T as their vertex.

Name 2 line segments.



What kind of angle is $\angle JHI$?

Name: _____

Mental Math

— #1 —

Start with the number 350.

350



Subtract 27.

2 3 2 3 8 6 1 6 6 4 (Circle your answer to double check you are correct.) _____

Add the number of ounces in 2 pounds.

4 2 3 5 5 8 6 9 7 4 _____

Add 55.

7 5 8 6 6 7 4 1 0 2 _____

Divide by 10.

8 9 5 3 9 8 1 4 1 2 _____

Add three-fourths of a dozen.

1 3 8 5 0 5 7 7 5 9 _____

Mental Math

— #2 —

Start with the number 4.

6 2 2 9 4 4 8 2 9 2 (Circle your answer to double check you are correct.) _____

Add half of 52.

2 2 1 5 3 0 4 5 8 0 _____

Add the digits in your number. The sum of that is your new number.

3 7 7 5 4 8 9 2 3 3 _____

Multiply by 7.

3 3 5 5 9 0 4 2 1 4 _____

Divide by 3.

8 7 9 1 5 9 1 6 3 3 _____

Add the number of dimes in a dollar.

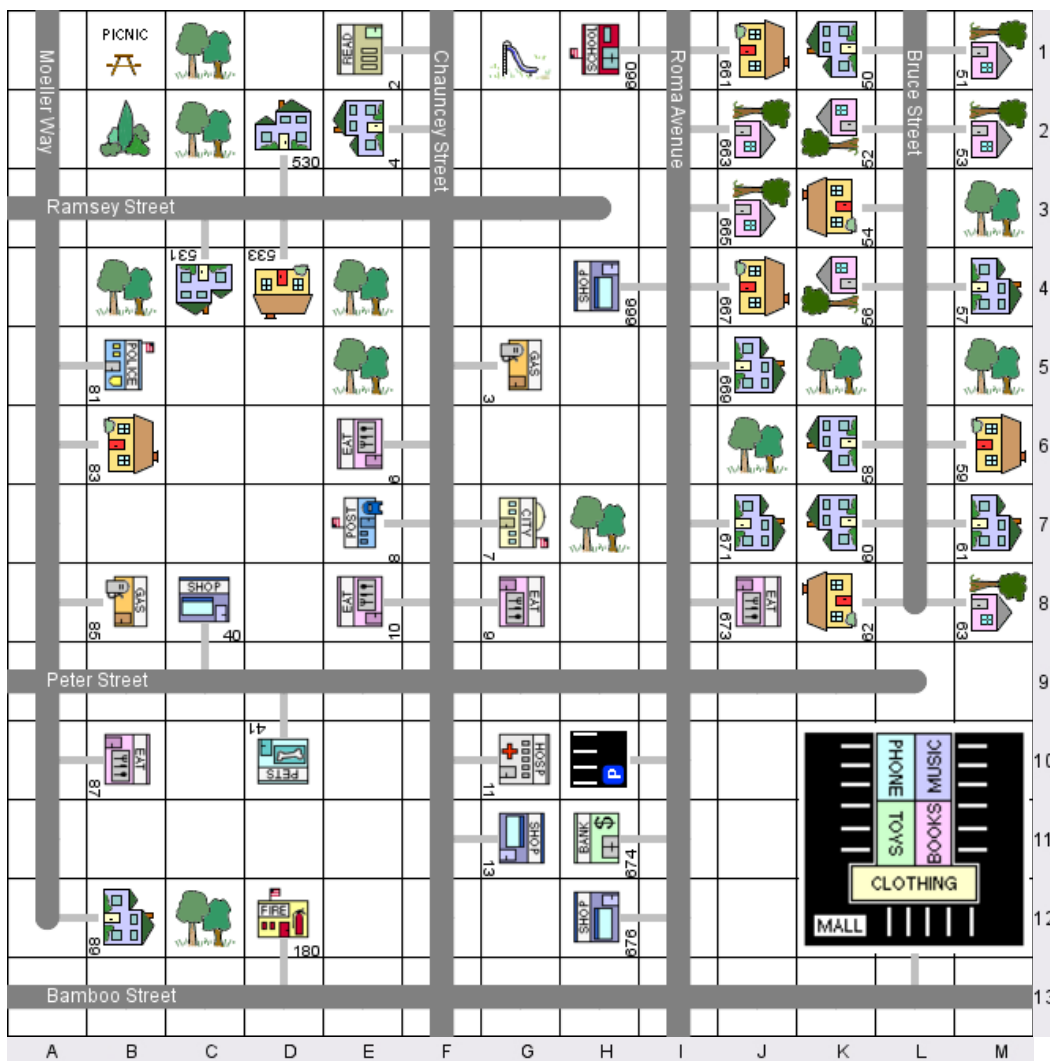
4 6 3 9 8 2 1 7 2 1 _____



Name: _____



 = 50 meters



Circle the one at E,6.



Circle the one at E,4.



40 Peter Street



is at _____.

7 Chauncey Street



is at _____.

52 Bruce Street



is at _____.

8 Chauncey Street



is at _____.

54 Bruce Street



is at _____.

50 Bruce Street





is at _____.



Name: _____



Peter Street is _____
of Ramsey Street.

Bamboo Street is _____
of Ramsey Street.

Go _____ to drive from the
house at 669 Roma Avenue  to the
house at 665 Roma Avenue .

[Hint: Use north, south, west, or east.]

Write the total distance to go from the
store at 40 Peter Street  to the
store at 40 Peter Street .

Write the total distance to go from the
pet shop at 41 Peter Street  to the
school at 660 Roma Avenue .

Begin at the pet shop at 41 Peter Street. Walk the path to the road. Once you reach the road, you have already walked 35 meters. Go west on Peter Street. Your final destination is on the north side of Peter Street. You will have walked a total of 23 meters from your starting point (including the 35 meters path at the end of your walk). What is your final destination?

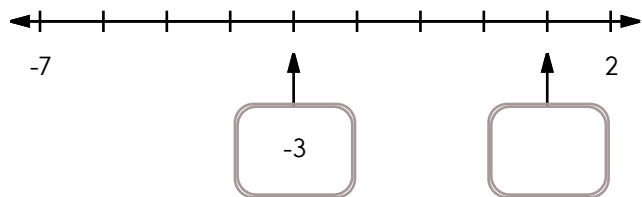
The hospital at 11 Chauncey Street is across
from

Circle the building that is located on Bamboo Street.

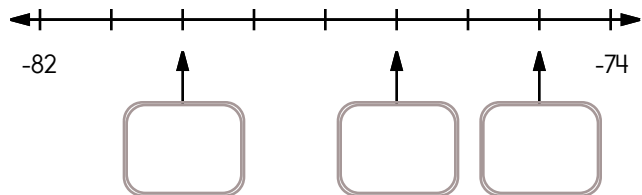
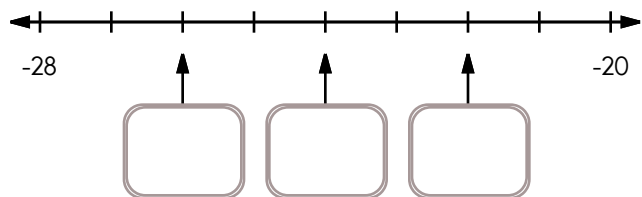


Begin at the house at 533 Ramsey Street. Walk the path to the road. Once you reach the road, you have already walked 35 meters. Go west on Ramsey Street. Your final destination is on the south side of Ramsey Street. You will have walked a total of 23 meters from your starting point (including the 35 meters path at the end of your walk). What is your final destination?

Name: _____



Fill in the missing values to complete each number line.



Write a positive or negative number for each.

12 °C below zero

15 °C above zero

8 °C above zero

You had 24 points in a game and then you lost 32 points. How many points do you have?

Write the opposite of each number.

-24 28 -356

1,024 -1,785 284

Complete each inequality using $>$, $=$, or $<$.

-8 ○ -12 -9 ○ 6

-68.2 ○ -72.1 41.1 ○ 44.6

35.5 ○ -62.6 65.9 ○ -75.3

Write the smallest number.

6, -0, 499, -137.95, 971.04, 247.6, 1, 345.09, -707, -4, -467, -794, 2.62, 3

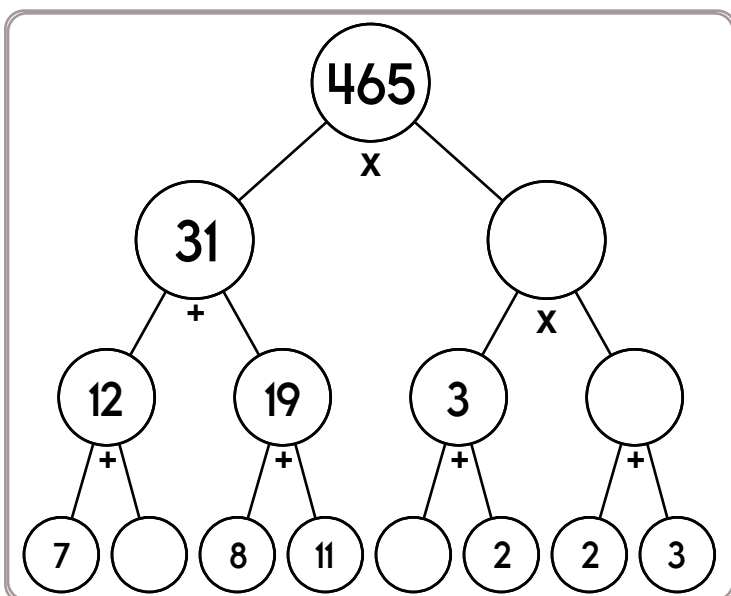
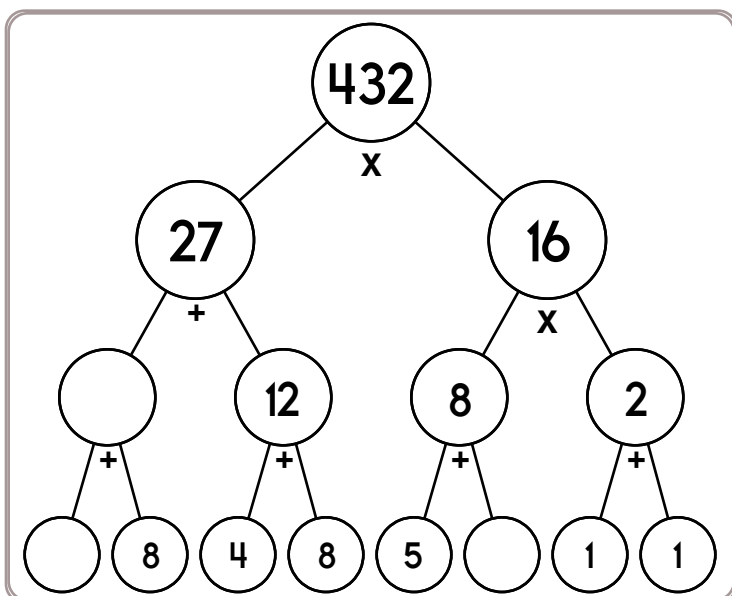
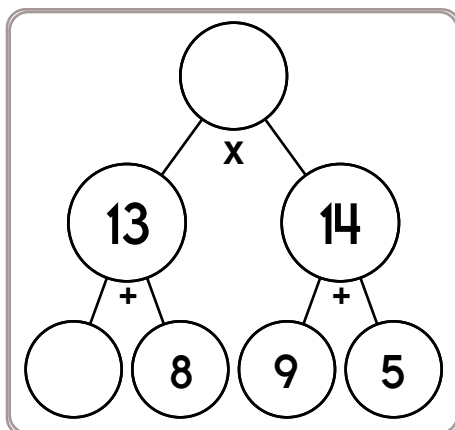
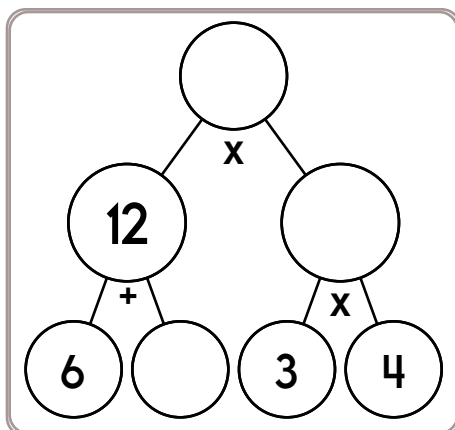
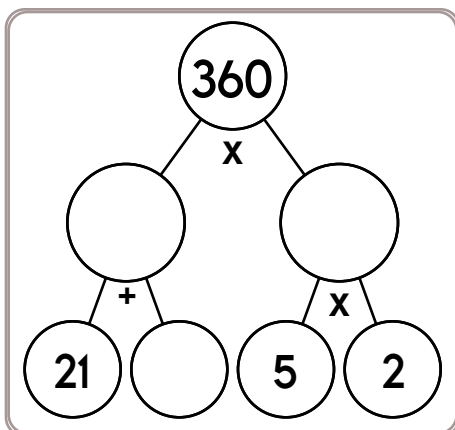
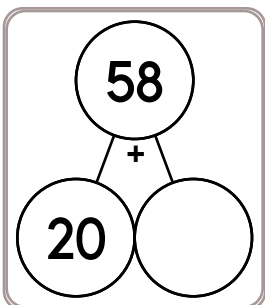
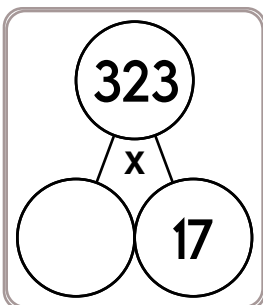
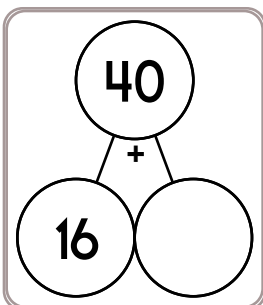
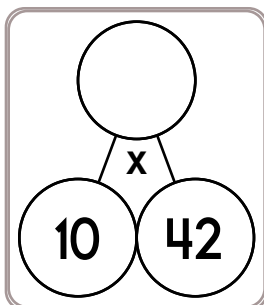
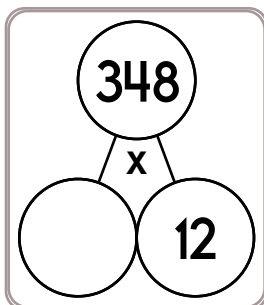
Write the smallest number.

-540.7, -0.05, -325, 412, 836.92, 2, 5, -129, -3, -7.13, -8.04, -4, -345, 9

Write the largest number.

-950.01, 868, 6, 224, 192.8, -3, -980, -9.8, 0, -429, -7, 422.11, 990, 1.04

Name: _____



$$\begin{array}{r} 7,885 \\ + 2,235 \\ \hline \end{array}$$

$$\begin{array}{r} 98 \\ 28 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 5,193,007 \\ - 1,131,934 \\ \hline \end{array}$$

Name: _____

Emma is playing Amanda a game of sock basketball. Emma is currently leading 18 to 14. They play for a few more minutes till the final score of 15 to 27 is reached. Can you tell who won?

Ava is playing Wendy a game of sock basketball. Ava is currently leading 19 to 11. They play for a few more minutes till the final score of 23 to 20 is reached. Can you tell who won?

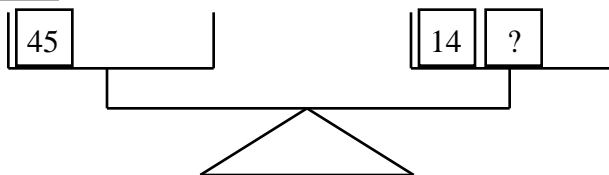
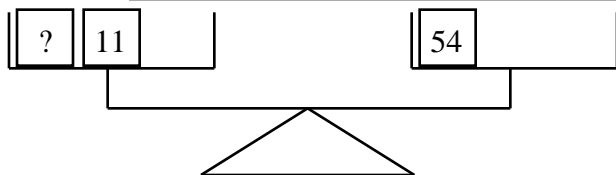
Sara rode her bike to Megan's house. Leaving her driveway, she turned right and rode about 1.3 kilometers where she turned right. Megan's house was the fifth house on the left side of the road. It's getting late, and Sara needs to go home, but she has brain freeze. Write directions on how she should ride her bike home from Megan's house.

Anne tosses a number cube with the numbers 1 through 6 on it. She tosses it again, takes the sum, and moves that many spots on a board game. What is the probability that she moves exactly ten spaces?



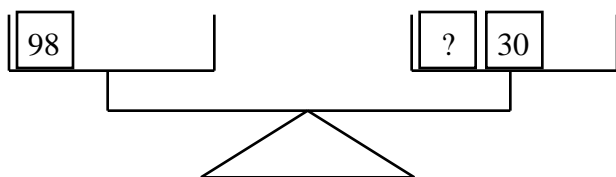
Each box in the grid has an area of 1 square inch. Draw two different triangles that have an area of 6 square inches.

Name: _____

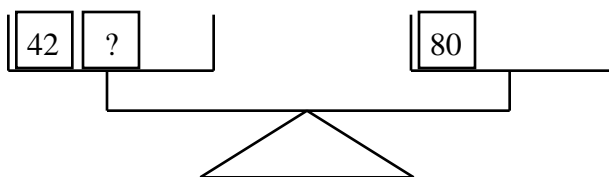


43 + 11 = 54

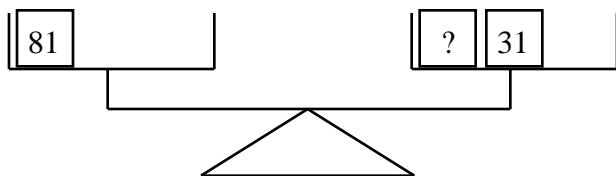
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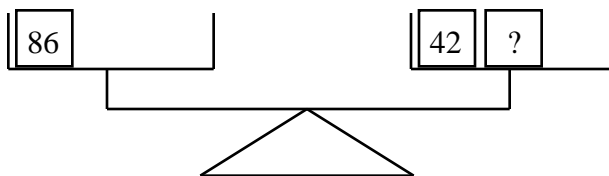
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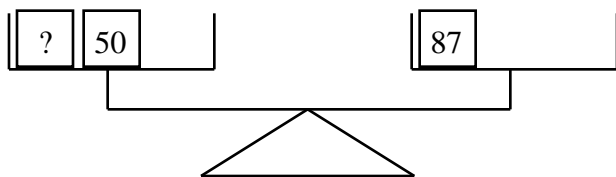
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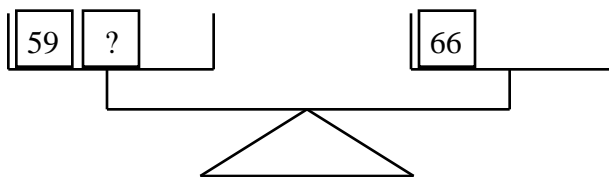
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 =

Name: _____

Can you figure out the value of the letter?

$$6b + 2 = 38$$

first subtract 2 from both sides

then divide each side by 6

$$6b + 2 - 2 = 38 - 2$$

$$6b = 36$$

$$6b \div 6 = 36 \div 6$$

$$b = 6$$

Double check: $(6 \times 6) + 2 = 38$

$$4w + 5 = 33$$

$$w = \underline{\quad}$$

Double check: $(4 \times \underline{\quad}) + 5 = 33$

$$6a - 10 = 38$$

$$a = \underline{\quad}$$

Double check: $(6 \times \underline{\quad}) - 10 = 38$

$$9g - 35 = 28$$

$$g = \underline{\quad}$$

Double check: $(9 \times \underline{\quad}) - 35 = 28$

$$6h + 9 = 51$$

$$h = \underline{\quad}$$

Double check: $(6 \times \underline{\quad}) + 9 = 51$

$$3k + 4 = 22$$

$$k = \underline{\quad}$$

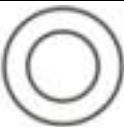




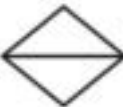



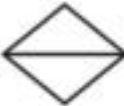
Double check: $(3 \times \underline{\quad}) + 4 = 22$

Name: _____

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

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

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

Name: _____

Who is the oldest?

Max turned 14 years old in 2024.

Connor turned 15 years old in 2022.

Rose will be 31 years old in 2036.

Amy will be 31 years old in 2035.

The grocery store sells 4 cases of Emily's Water for \$24. They also offer 3 cases of Cool Water for \$19.50. If you like both brands equally, then which brand of water is the better deal?

Which event will be the last to end?

Jacob plans to ride his bike to Adam's house at 3:03 p.m. They will play video games for 1 hour and 45 minutes.

Anna has soccer practice that starts at 2:55 p.m. and lasts for 1 hour and 30 minutes.

Jessica works at the mall. Her shift starts at 2:41 p.m. and will last 1 hour and 25 minutes.

The grocery store sells 4 cases of Megan's Water for \$20. They also offer 3 cases of Cool Water for \$15. If you like both brands equally, then which brand of water is the better deal?

Name: _____

Draw a line to match each problem with the same answer.

40% of 155



91% of 100

69% of 200



92% of 150

65% of 140



13% of 100

50% of 102



48% of 25

52% of 25



62% of 100

10% of 120



34% of 150

70% of 100



40% of 175

40% of 25



10% of 100

$$\begin{array}{r} 8 \frac{3}{8} \\ - 5 \frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 7 \frac{7}{10} \\ + \frac{3}{10} \\ \hline \end{array}$$

Find 6% of 165.

Write the decimal number for:
two ten-thousandths

Change $\frac{21}{9}$ to a mixed number.

81 is what percent of 135?

Subtract 26 from 369.

$$5,944 - 566 =$$

$$\begin{array}{r} 17.8 \\ + 13.35 \\ \hline \end{array}$$

Name: _____

"Hey, Ted!" called out his friends. But Ted didn't reply. He was texting. They don't call him Texty Ted for nothing! Ted can send 16 texts in 1 minute and 52 seconds. At precisely 5:28 and 0 seconds, Ted sat outside the school and started to send texts. He sent texts until 5:52 and 0 seconds when his phone ran out of power. How many texts do you think Texty Ted completed and sent?

$$|-6| - p = 8$$

$$p =$$

$$\frac{7}{11} \times \frac{3}{8}$$

$$11 \times 40 \div 5$$

722617, 772261, 177226,

617722, 261772, 226177,

722617, 772261, 177226,

617722, _____, 226177,

722617, 772261

What is the area of a rectangle with a length of 44 centimeters and a width that is $\frac{1}{4}$ the length?

(78,732), _____, (8,748),

(2,916), (972), (324),

(108), (36), (12)

Name: _____



$87 \times 8 =$

$55 \times 2 =$

$21 \times 6 =$

$51 \times 8 =$

$98 \times 9 =$

$61 \times 9 =$

$60 \times 8 =$

$90 \times 9 =$

$91 \times 7 =$

$31 \times 5 =$

$70 \times 8 =$

$18 \times 5 =$



$_ \times 6 = 12$

$7 \times _ = 21$

$_ \times 6 = 48$

$4 \times _ = 16$

$_ \times 9 = 45$

$_ \times 4 = 28$

$6 \times _ = 18$

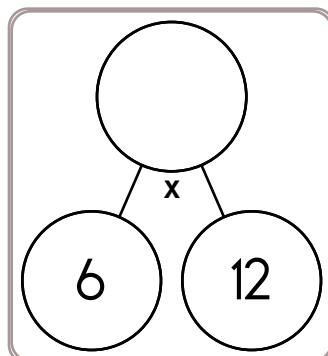
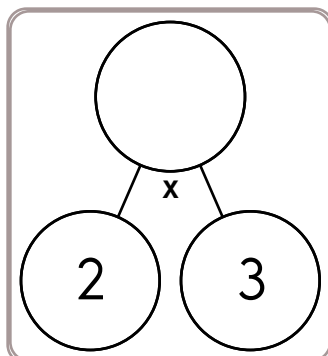
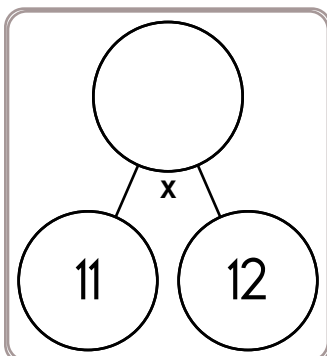
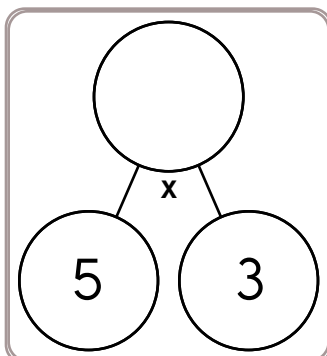
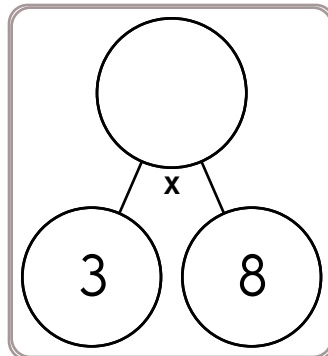
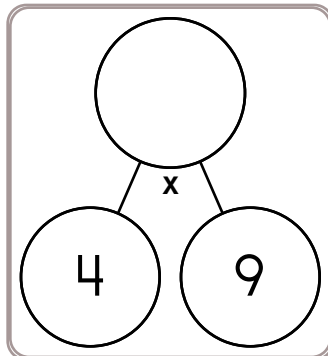
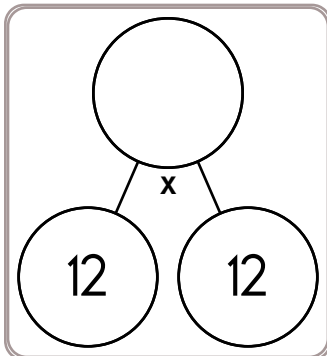
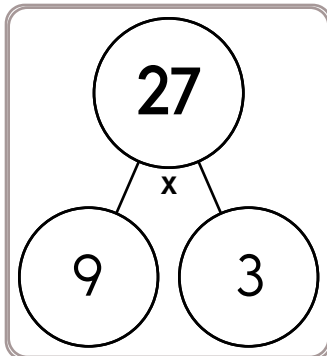
$4 \times _ = 20$

$_ \times 5 = 25$

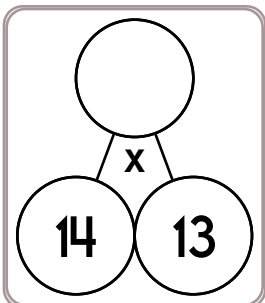
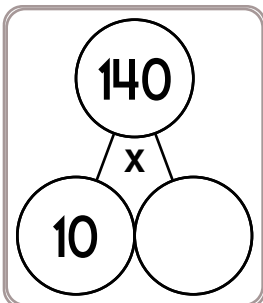
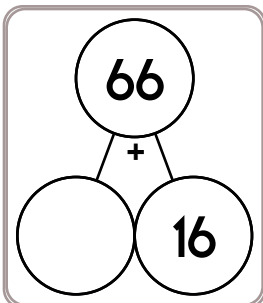
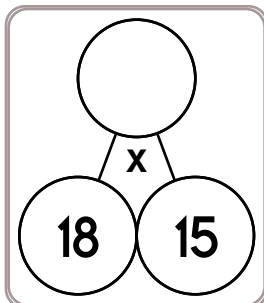
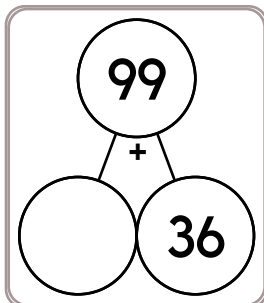
$_ \times 5 = 35$

$9 \times _ = 72$

$6 \times _ = 48$



Name: _____



Write each as a decimal.

$$8 \frac{93}{10000} =$$

$$1996 \frac{52}{100} =$$

$$2519 \frac{91}{1000} =$$

$$4561 \frac{7}{10} =$$

Find 40% of 235.

$$\begin{array}{r} 6,068,282 \\ 33,726,269 \\ 8,384 \\ + 8,662,800 \\ \hline \end{array}$$

$$\begin{array}{r} \frac{5}{12} \\ \frac{6}{12} \\ + \frac{8}{12} \\ \hline \end{array}$$

Write each as a decimal.

$$68 \frac{61}{100} =$$

$$887 \frac{68}{10000} =$$

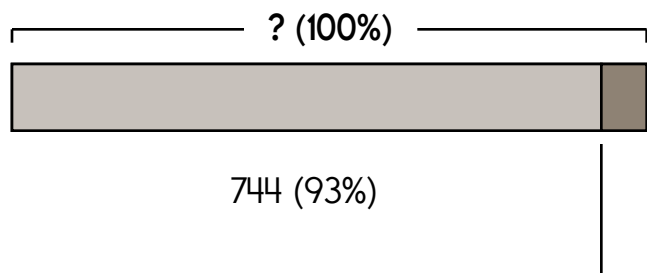
$$40 \frac{8788}{10000} =$$

$$4449 \frac{5}{10} =$$

503 is how much more than 97?

Name: _____

Hannah knows that 93% of a number is 744, but she does not know what that number is. 1% of the number would be 744 divided by 93 and the answer to that is 8.

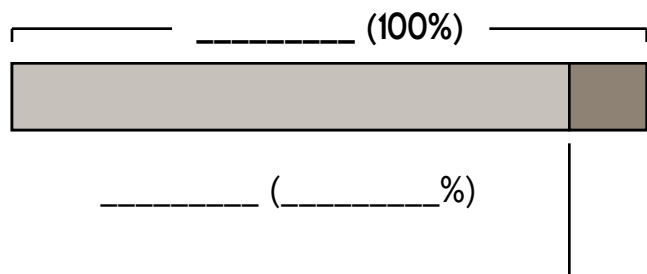


If 1% = 8, then 100% = _____

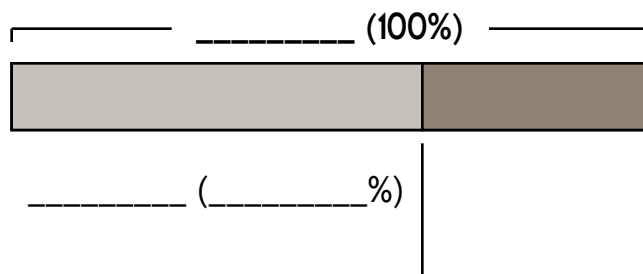
Gavin had the problem:

51% of a number is 510. What is the number?

Gavin is sure that the correct answer is 1000. Show that it is correct.



88% of a number is 330. What is the number?



65% of a number is 390. What is the number?

Name: _____

$$\frac{100}{???} = 10$$

What is the missing number?

$$\frac{42}{N} = 6$$

What is the value of N?

$$17m = 102$$

$$___ \times 7 = 42$$

What is the missing number?

$$N \times 2 = 20$$

What is the value of N?

$$24n = 504$$

$$18 \div ___ = 9$$

What is the missing number?

$$35 \div N = 5$$

What is the value of N?

$$7y = 21$$

$$\frac{N}{4} = 7$$

$$\frac{N}{30} = 38$$

$$10y = 70$$

Name: _____

Mental Math

— #1 —

☀ Start with the number of sides on a decagon.

10



☀ Multiply by 5.

1 1 6 1 8 5 0 7 7 2 (Circle your answer to double check you are correct.) _____

☀ Divide that number in half.

2 5 3 5 4 5 6 8 5 4 _____

☀ Triple that number.

7 9 7 5 1 9 6 2 4 1 _____

☀ Add two-thirds of a dozen.

8 8 3 5 8 3 1 9 9 5 _____

☀ Increase that number by 6.

7 8 3 8 9 4 9 6 5 2 _____

☀ Increase that number by 3.

6 9 2 1 1 3 3 1 4 0 _____

☀ Find one-fourth.

8 0 1 7 2 3 5 4 7 9 _____

☀ Add the number of quarters in a dollar.

1 2 4 0 3 2 7 4 8 5 _____

☀ Find one-ninth.

9 0 7 3 4 8 5 3 3 6 _____

☀ Add the number of pennies in a dollar.

1 0 3 6 8 4 2 6 4 2 _____

Name: _____

$$r + 10 = 15$$

$$r =$$

$$6 + m = 20$$

$$m =$$

The sum of 21 and k is 45.

What is the value of k?

Write an algebraic expression to subtract 78 from z.

Compare each pair of numbers or expressions using $>$, $=$, or $<$.

$$218.7 \quad \bigcirc \quad 604.1$$

$$2 \div 18 \quad \bigcirc \quad 18 \div 2$$

$$-66 \quad \bigcirc \quad 68$$

$$-35 \quad \bigcirc \quad -37$$

$$775,733 \quad \bigcirc \quad 671,192$$

$$z - 8 = 14$$

$$z =$$

$$17 - r = 9$$

$$r =$$

Write an algebraic expression to subtract 12 from k.

The sum of 27 and s is 64.

What is the value of s?

Simplify $9s - 4s$.

What is the value of the simplified equation when $s = 5$?

What is $5k + 86$ when $k = 6$?

Simplify $4m + 6m$.

What is the value of the simplified equation when $m = 2$?

Name: _____

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

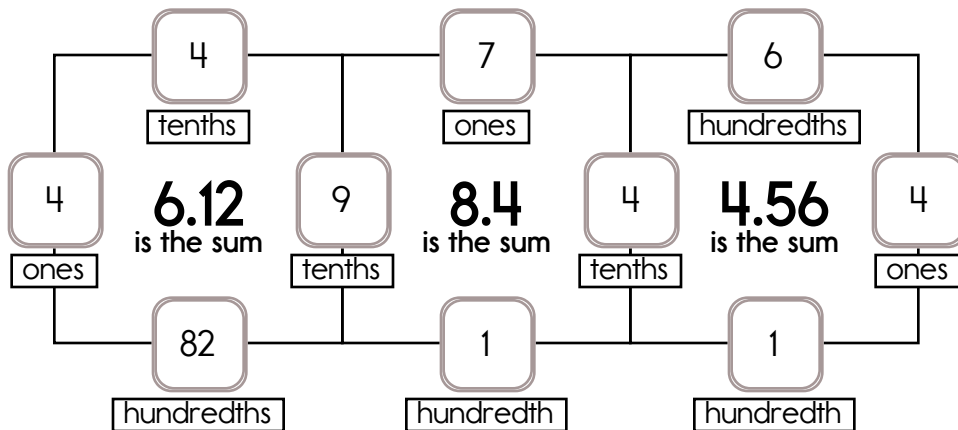
Example:

$$4 + 0.9 + 0.4 + 0.82 = 6.12$$

Example:

$$0.4 + 4 + 0.06 + 0.1 = 4.56$$

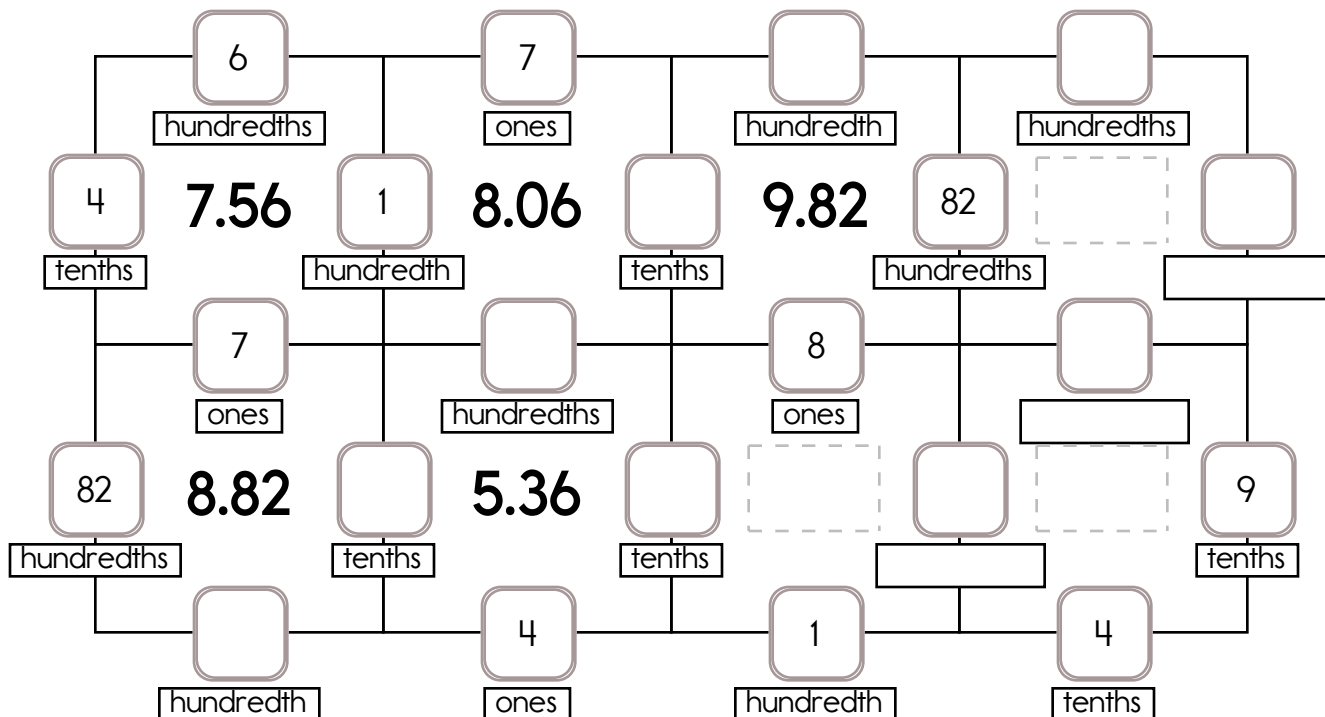
Sample:



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: 5 ones, 4 ones, 7 ones, 2 ones, or 8 ones.

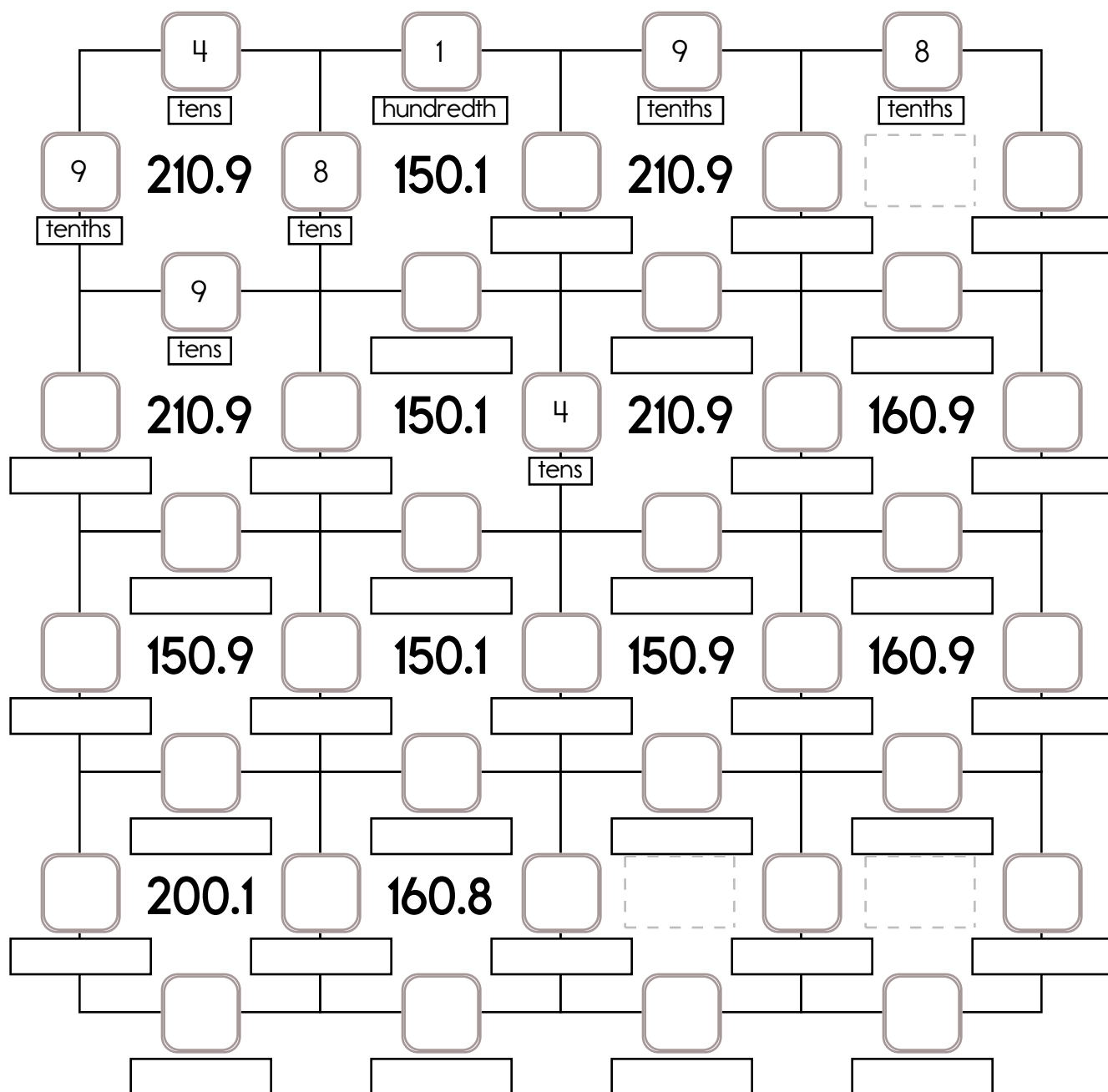
The other three numbers have to all be DIFFERENT and must be from these: 6 hundredths, 82 hundredths, 9 tenths, 4 tenths, or 1 hundredth.



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: 8 tenths, 1 hundredth, or 9 tenths.

The other three numbers have to all be DIFFERENT and must be from these: 3 tens, 9 tens, 8 tens, or 4 tens.



Name: _____

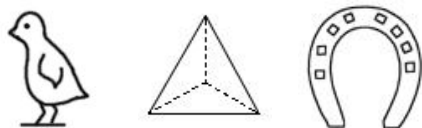
Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



! 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 NOT in the correct spot.

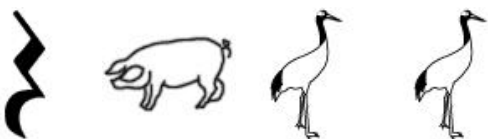


! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.

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 NOT in the correct spot.



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



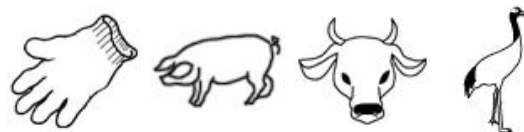
! Draw 2 of these 4 pictures.
! 1 of those pictures is in the correct spot.



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

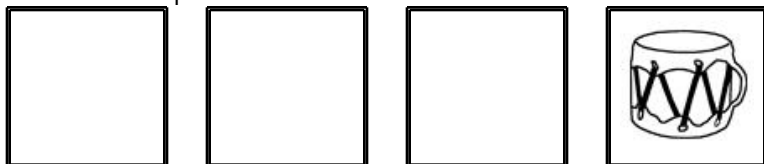


! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.



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

Draw the 4 pictures in the correct order:



Name: _____

promise • nucleus • labeled • retort • feather • solve

Each row, column, and box must have all the words from the word list. Write in the missing words.

				feather	
		retort			solve
		labeled		solve	
		promise	labeled		nucleus
	solve				promise

$60 \div 10 =$

$28 \div 4 =$ _____

Can 487 be evenly divided by 8? Circle:
487 is evenly divisible by 8
487 is NOT evenly divisible by 8

Fill in the missing operations to complete this equation:

$12 \text{ ____ } 4 \text{ ____ } 30 = 33$

$63 \div 9 =$ _____

$24 \div 6 =$ _____

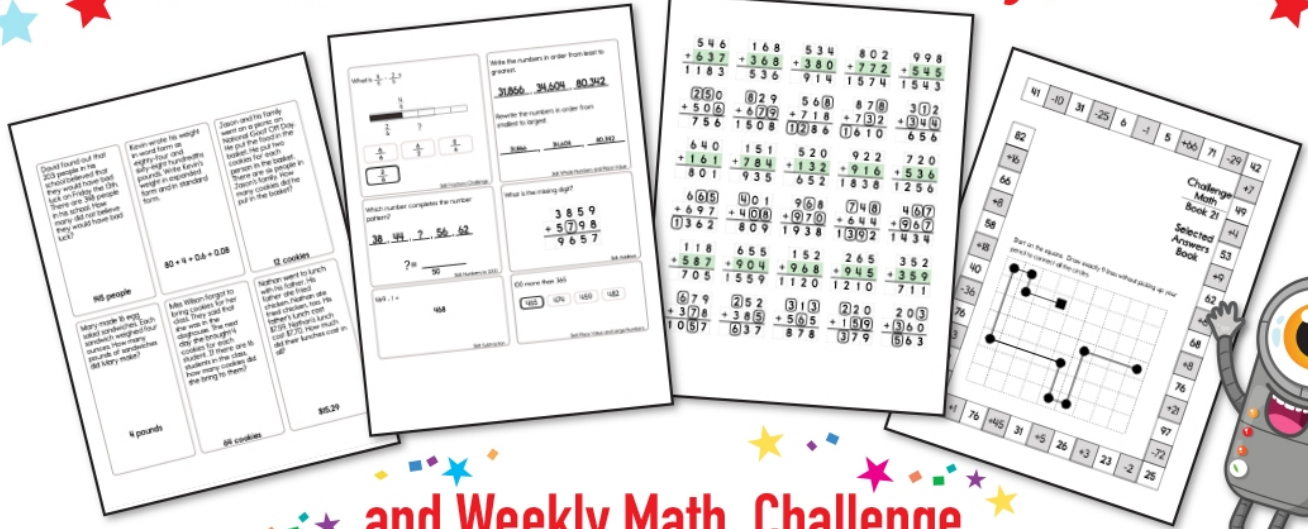
Write this as a number in standard form. Use a comma in your number.

six hundred eighteen thousand six hundred nine

$60 \div 6 =$ _____

$88 \div 8 =$

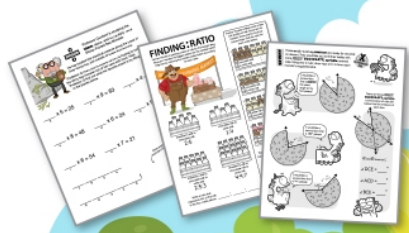
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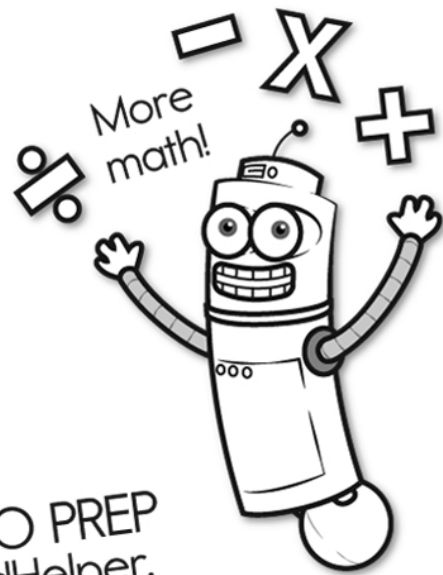
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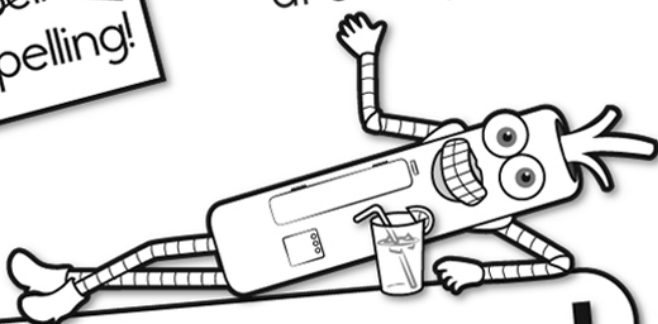


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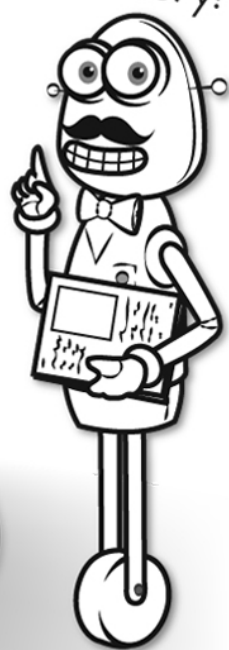


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More history!



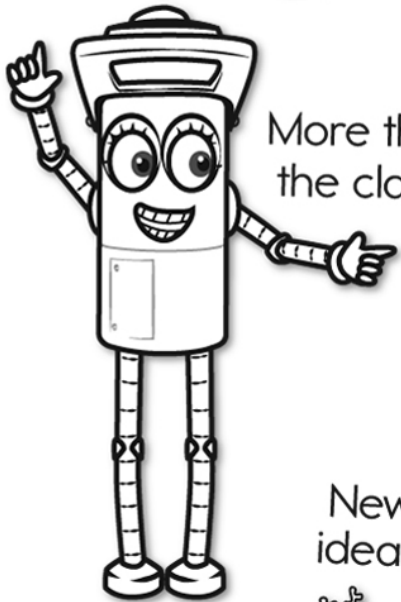
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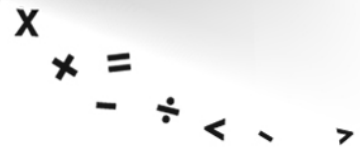
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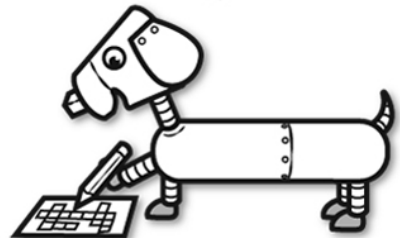
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