



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

Get a fidget spinner! Spin it.

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

Find the GCF using the Birthday Cake method.

5	240	150
3	48	30
2	16	10
	8	5
GCF: $5 \times 3 \times 2 = 30$		

5	55	60
GCF: _____		



4	56	64
GCF: _____		

2	72	66
GCF: _____		

4	44	20
GCF: _____		

	30	35
GCF: _____		

	24	20
GCF: _____		

	20	22
GCF: _____		



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

Spin again.

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

Find the GCF using the Birthday Cake method.

6	60 72 48	2	22 20 12
2	10 12 8		
	5 6 4		
GCF: $2 \times 6 = 12$		GCF: _____	

2	12 22 14	4	120 180 100
GCF: _____		GCF: _____	

	24 68 48		44 80 40
GCF: _____		GCF: _____	

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

Mr. King packs baseballs into boxes, 12 baseballs per box. He packs the boxes into crates, 10 boxes per crate. When he finished the day Monday, he had 15 crates, 9 boxes, and 8 loose baseballs. How many baseballs did he have when he started?

The length of the gingerbread house is 4 cm more than 3 times the width. What is the perimeter of the house if the width is 32 cm?

Anne 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 seven hours on Saturday. The pizzeria will give her a check every two weeks. She will be paid \$13.50 per hour. How much will her first paycheck be?

This number is so cool. The tens place is twice its tenths. The ones place is 4 less than its hundredths. The sum of its digits is 22. What's the cool number?

\_\_\_\_ . \_\_\_\_

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

Complete each pattern. Write what the rule is.

26, 28, 30, 34, 38, 44, 50, 58, 66, 76, 86, 98, 110, 124, \_\_\_\_\_, \_\_\_\_\_

33, \_\_\_\_\_, \_\_\_\_\_, 41, 45, 51, 57, \_\_\_\_\_, \_\_\_\_\_, 83, 93, 105, 117, 131, 145, 161

38, 40, 42, \_\_\_\_\_, 50, 56, \_\_\_\_\_, \_\_\_\_\_, 78, 88, 98, 110, 122, 136, 150, 166

Complete each pattern. Write what the rule is for each pattern.

(786,432), (196,608), (49,152),

(12,288), (3,072), (768),

(192), (48), \_\_\_\_\_

(236,196), (78,732), (26,244), (8,748),

(2,916), (972), (324), (108),

(36), \_\_\_\_\_

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

<p>Maria has \$15 to spend. She spends <math>\frac{3}{4}</math> of a dollar on some batteries and <math>5\frac{1}{4}</math> dollars on a flashlight. How much money does she have left over?</p>	<p>Jenna and her mother are going to see the Atlanta Braves play baseball. The game starts at 4:30 p.m. It takes them 1 hour and 27 minutes to drive to the field, buy tickets, and get to their seats. What is the latest time they can leave home and be in their seats when the game starts?</p>	<p>At 8:00 a.m. Mr. Rodriguez started packing quarts of milk in crates. By 9:00 a.m., he had packed 75 quarts. He took a break from 9:00 a.m. to 9:30 a.m. From 9:30 a.m. to 10:30 a.m., he packed 83 quarts. How many quarts of milk did he pack from 8:00 a.m. to 10:30 a.m.?</p>
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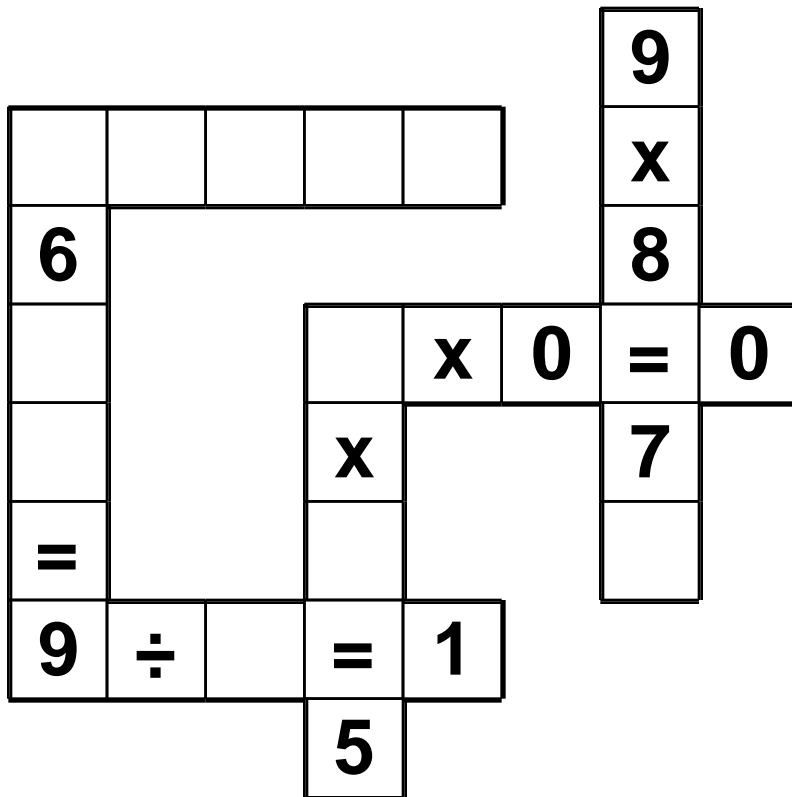
<p>Holly wrote down a fraction on a piece of paper. If you take her fraction and multiply it by six you get fourteen. Can you guess what her fraction is?</p>	$\begin{array}{r} 48 \\ + 40 \\ \hline \end{array}$	$42 \div 6 =$	$\begin{array}{r} 87 \\ - 44 \\ \hline \end{array}$
		$10 \times 5 =$	

$21 \div 7 =$	<p>Which is the smallest?</p> <p><math>96.7 \div 7.5</math>    <math>96.7 \div 7.7</math>    <math>96.7 \div 7.6</math></p>	$\begin{array}{r} 964 \\ - 239 \\ \hline \end{array}$
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Name: \_\_\_\_\_

3 • x • 0 • = • 0 • ÷ • 1 • 4 • 5 • 2 • 9

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



If you multiply  $332 \times 918$ , you will have a number that is how much bigger than  $166 \times 306$ ?

- It will be three times as big.
- It will be six times as big.
- It will be seven times as big.
- It will be eight times as big.
- It will be four times as big.
- It will be twice as big.

1 lb = 16 oz

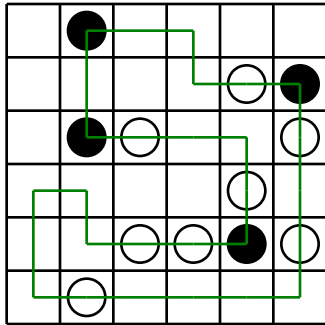
24 lb = \_\_\_\_\_ oz

How many centimeters are in 40 millimeters?

\_\_\_\_\_ centimeters

$8 \times 6 =$

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

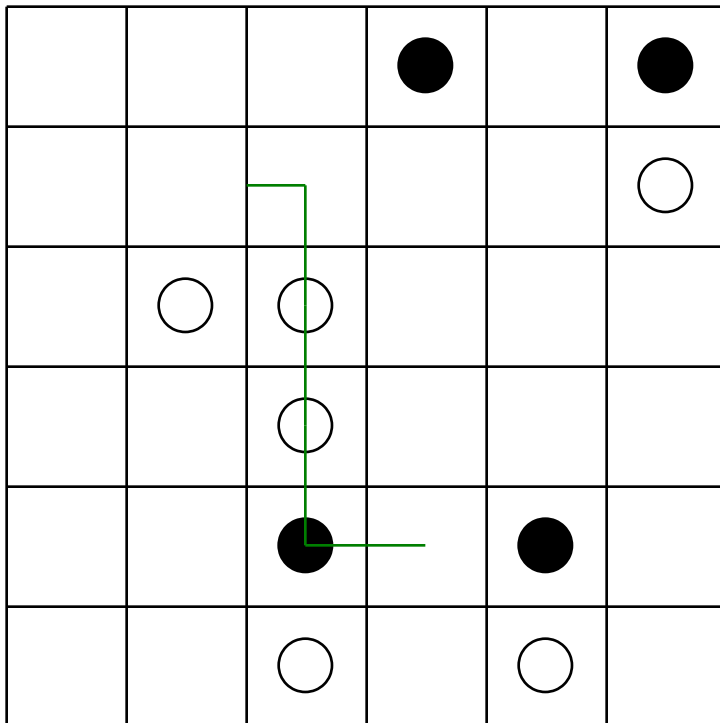


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

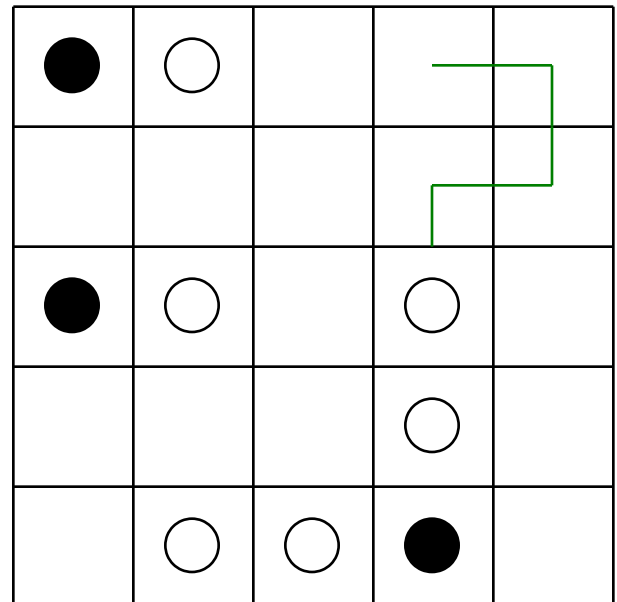
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



Write an equation to represent this:

The sum of twelve and nine is twenty-one.

\_\_\_\_\_

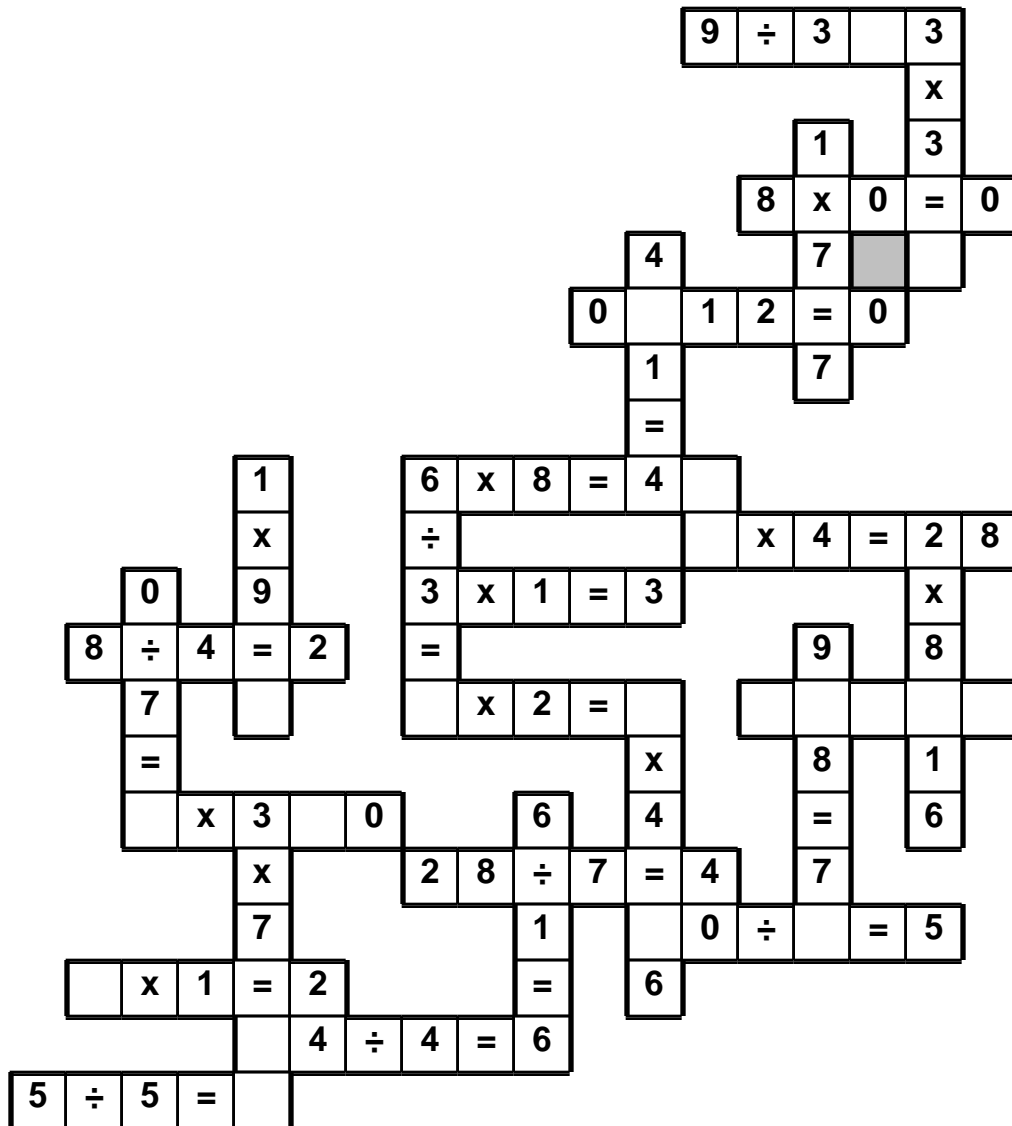
12 kg = \_\_\_\_\_ g

Emma was given five numbers: 15, 10, 7, 13, and 11. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than four-fifths?

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

= • 9 • ÷ • 8 • 7 • 9 • 2 • 4 • 9 • x • 0 • = • 0 • 0 • = • 1  
2 • 2 • 2 • 1

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



$$\begin{array}{r} 377 \\ + 362 \\ \hline \end{array}$$

For 513,699,704,430,530, write the digit that is in the ten thousands place.

\_\_\_\_\_

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

\_\_\_\_\_



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

The newspaper listed the daily high and low temperatures for four cities (Los Angeles, Moscow, Atlanta, and Miami). The high temperatures were twenty-five degrees Celsius, twenty degrees Celsius, thirty-eight degrees Celsius, and negative eight degrees Celsius. The low temperatures were thirty degrees Celsius, ten degrees Celsius, negative fifteen degrees Celsius, and twenty-three degrees Celsius.

Figure out the high and low temperatures for each city.

1. Moscow had the lowest low temperature of the day.
2. Atlanta's high temperature was not negative eight degrees Celsius.
3. Miami's low temperature was not ten degrees Celsius.
4. The difference between Los Angeles' high and low temperatures was two degrees Celsius.
5. Miami's high temperature of the day was fifty-three degrees Celsius warmer than Moscow's low temperature of the day.

Los Angeles had a high temperature of \_\_\_\_\_ and a low temperature of \_\_\_\_\_.

Moscow had a high temperature of \_\_\_\_\_ and a low temperature of \_\_\_\_\_.

Atlanta had a high temperature of \_\_\_\_\_ and a low temperature of \_\_\_\_\_.

Miami had a high temperature of \_\_\_\_\_ and a low temperature of \_\_\_\_\_.

Can 554 be evenly divided by 4? Circle:

554 is evenly divisible by 4

554 is NOT evenly divisible by 4

Round each number to the ones place.

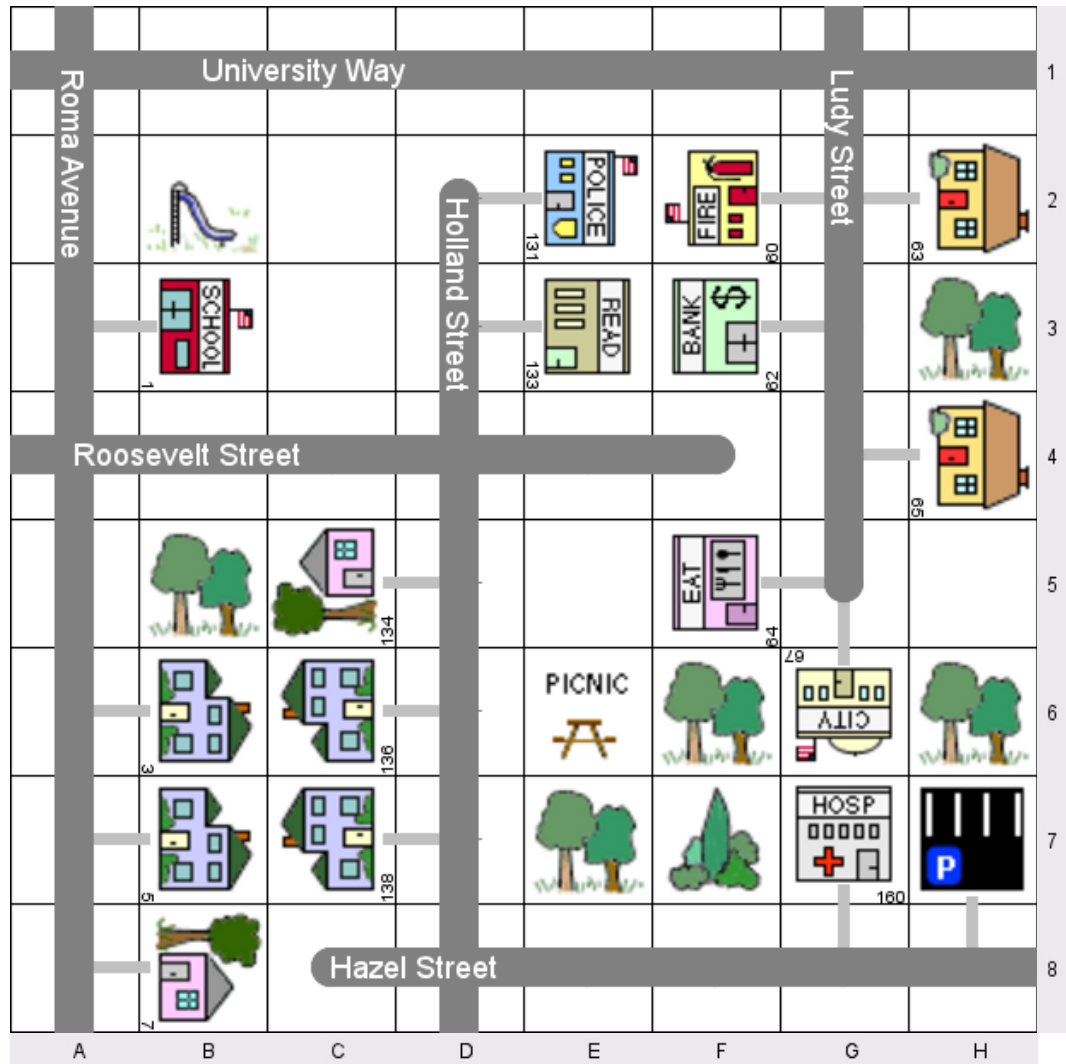
68,670.2

991,651.73

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



= 136 meters



Circle the one at B,5.



Circle the one at G,7.



63 Ludy Street



is at \_\_\_\_\_.

131 Holland Street



is at \_\_\_\_\_.

64 Ludy Street



is at \_\_\_\_\_.

136 Holland Street



is at \_\_\_\_\_.

62 Ludy Street



is at \_\_\_\_\_.

160 Hazel Street



is at \_\_\_\_\_.

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

Circle the building that is located on Hazel Street.



The restaurant at 64 Ludy Street is across from



\_\_\_\_\_



Roosevelt Street is \_\_\_\_\_  
of University Way.

University Way is \_\_\_\_\_  
of Hazel Street.

Go \_\_\_\_\_ to drive from the  
house at 134 Holland Street  to the  
library at 133 Holland Street .

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

Write the total distance to go from the  
house at 5 Roma Avenue  to the  
house at 65 Ludy Street .

Write the total distance to go from the  
bank at 62 Ludy Street  to the  
house at 63 Ludy Street .

Write directions to get from the house at 3 Roma Avenue to the house at 5 Roma Avenue.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Begin at the city hall at 67 Ludy Street. Walk the path to the road. The distance from your starting point to the road (the little path) is 38 meters. Go north on Ludy Street. Your final destination is on the east side of Ludy Street. You will have walked a total of 90 meters from your starting point (including the 38 meters path at the end of your walk). What is your final destination?

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

Use any of these digits. Cross off a digit after you use it.

**7****0****6****3****9****0**

Write the largest 2-digit number that you can come up with that is divisible by 3.

A robot came out of a box knowing some words. It knew a total of 34 words after 5 days.

Each day it learned 4 new words. How many words did it know after learning 4 new words on the first day?

How many words did it learn after the third day?

$1\frac{5}{8}$

$2\frac{1}{2}$

$2\frac{4}{7}$

$2\frac{3}{4}$

$2\frac{4}{5}$

$1\frac{2}{3}$

$2\frac{1}{3}$

Name two of the above numbers that have a sum of  $4\frac{7}{15}$ .

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

$$\begin{array}{r} 99,026 \\ - 80,158 \\ \hline \end{array}$$

$$\begin{array}{r} 105,879 \\ - 71,847 \\ \hline \end{array}$$

$$\begin{array}{r} 126,451 \\ - 39,366 \\ \hline \end{array}$$

$$\begin{array}{r} 146,369 \\ - 74,956 \\ \hline \end{array}$$

$$\begin{array}{r} 139,909 \\ - 78,656 \\ \hline \end{array}$$

$$\begin{array}{r} 133,809 \\ - 72,492 \\ \hline \end{array}$$

$$\begin{array}{r} 37,503 \\ - 22,312 \\ \hline \end{array}$$

$$\begin{array}{r} 150,132 \\ - 71,484 \\ \hline \end{array}$$

$$\begin{array}{r} 187,285 \\ - 99,656 \\ \hline \end{array}$$

$$\begin{array}{r} 93,953 \\ - 30,052 \\ \hline \end{array}$$

$$\begin{array}{r} 92,176 \\ - 61,800 \\ \hline \end{array}$$

$$\begin{array}{r} 129,846 \\ - 30,681 \\ \hline \end{array}$$

$$\begin{array}{r} 138,421 \\ - 43,722 \\ \hline \end{array}$$

$$\begin{array}{r} 89,625 \\ - 51,511 \\ \hline \end{array}$$

$$\begin{array}{r} 122,020 \\ - 58,262 \\ \hline \end{array}$$

$$\begin{array}{r} 114,948 \\ - 24,647 \\ \hline \end{array}$$

$$\begin{array}{r} 127,416 \\ - 93,551 \\ \hline \end{array}$$

$$\begin{array}{r} 60,726 \\ - 15,611 \\ \hline \end{array}$$

$$\begin{array}{r} 62,895 \\ - 40,467 \\ \hline \end{array}$$

$$\begin{array}{r} 128,599 \\ - 42,956 \\ \hline \end{array}$$

$$\begin{array}{r} 97,016 \\ - 71,677 \\ \hline \end{array}$$

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

$$\begin{array}{r} + 7 \\ \hline \square \\ - 8 \end{array}$$

$$\begin{array}{r} 14 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 6 \\ \hline \square \end{array}$$

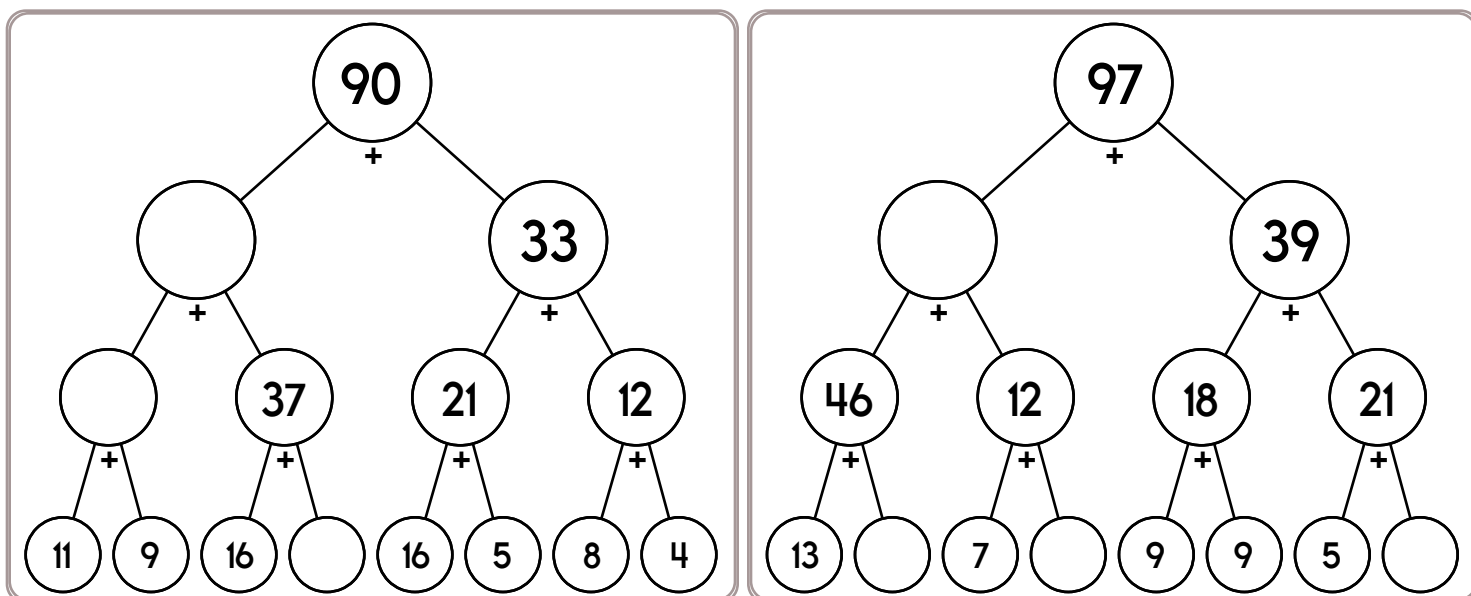
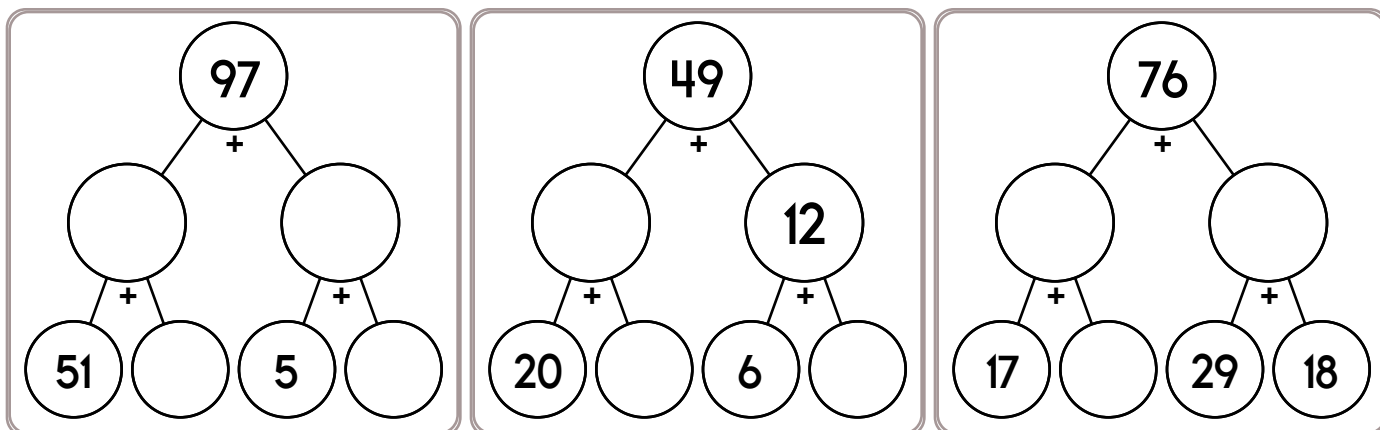
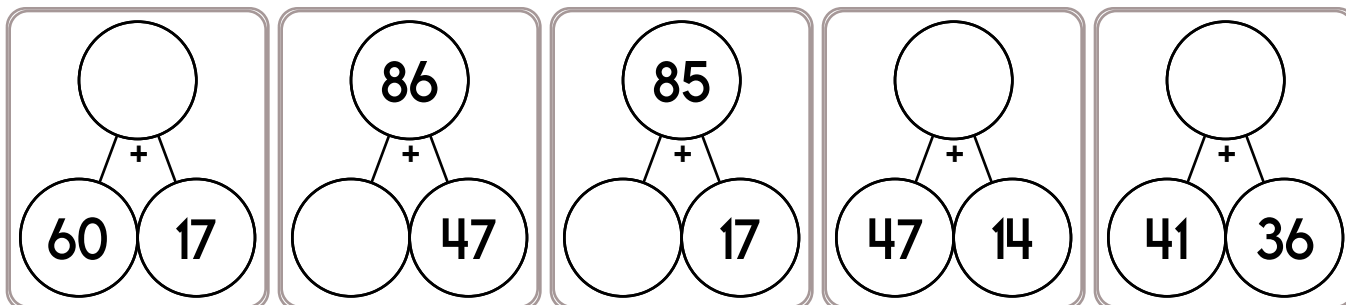
$$\begin{array}{r} + 2 \\ \hline \square \\ - 6 \end{array}$$

$$\begin{array}{r} + 5 \\ \hline \square \\ 23 \end{array}$$

$$\begin{array}{r} + \square \\ \hline 26 \\ - \square \end{array}$$

$$\begin{array}{r} 19 \\ + 2 \\ \hline \square \end{array}$$

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



6, 8, \_\_\_\_\_, 12, 14, 16, 18

Estimate quickly the  
difference.  
 $5,640 - 1,540$

Write  $\frac{5}{10}$  in lowest terms.

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

Simplify by combining like terms.

$$8a + 4a$$

$$12a$$

$$7w + 5w$$

$$24b + 3b - 3b$$

$$23w + 4w + 12w$$

$$17a - 8a$$

$$12g + g$$

$$13d - 5d - 4d$$

$$10h - 5h + 4h$$

$$21b - 5b - 2b$$

$$3g + 4g$$

$$15k - k$$

$$10b - 4b$$

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

I am a 3-digit number greater than 900. I am divisible by 6. Write any number that fits this.

I am a whole number. One of my factors is 6. One of my digits is 0. I am less than 40. What number am I?

$2\frac{2}{4}$

$2\frac{6}{8}$

$2\frac{1}{2}$

$1\frac{4}{6}$

$1\frac{2}{3}$

$2\frac{4}{7}$

$1\frac{4}{5}$

Name two of the above numbers that have a sum of  $4\frac{11}{20}$ .



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

What is the greatest common factor of 6 and 9?

What is the least common multiple of 10 and 12?

$$x - 13 = 9$$

$$14 - x = 2$$

What is the greatest common factor of 21 and 27?

What is the least common multiple of 6 and 8?

Write all the factors for the number 10.

$$\underline{\hspace{1cm}} + 35 = 44$$

What is the missing number?

$$36 - \underline{\hspace{1cm}} = 21$$

What is the missing number?

$$x + 15 = 23$$

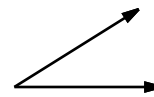
What is the value of  $x$ ?

$$40 - x = 33$$

What is the value of  $x$ ?



What kind of angle is this?



What kind of angle is this?

[illegible][illegible][illegible][illegible][illegible][illegible]

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

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

Use the fewest bills and coins to make \$57.27.

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\$1
-----

	1¢	
--	----	--

Use the fewest bills and coins to make \$15.36.

Use the fewest bills and coins to make \$47.48.





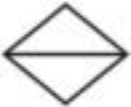





Use the fewest bills and coins to make \$54.26.

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

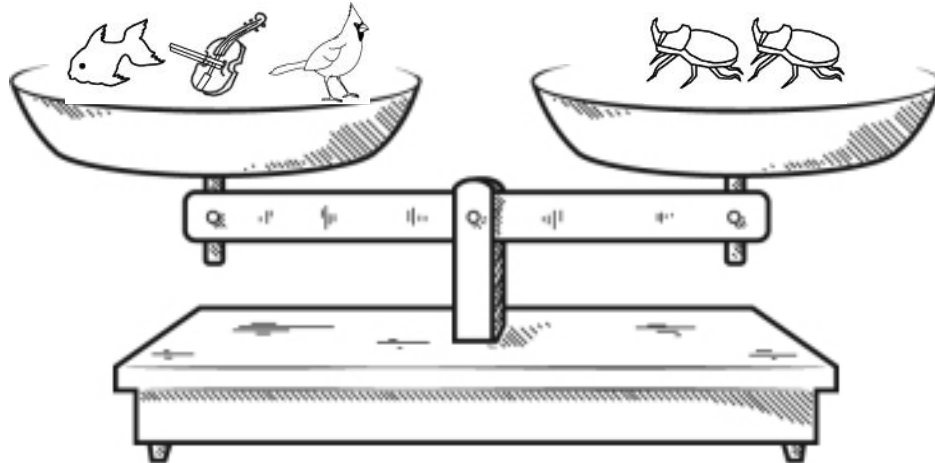
Each row, column, and box must have the numbers 1 through 6. The first box is done.

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


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

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



It may help to give values to pictures.

 = 5

 = 15

 =         

 =         

You should only mark TRUE if you are absolutely sure it is correct!



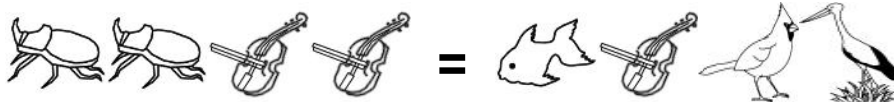
☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False



☐ True

☐ False

Did you find that two are true? If not, look again!

word root **glyc** can mean **sweet**

**glucose**

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

Each box needs a number from 1 to 9. You may re-use numbers.  
One set of sums has been done for you.

sum of 10 →				sum of 9 ↓			sum of 9 ↓
		sum of 10 ↓	sum of 6 ↓			sum of 9 ↓	
	sum of 6 →						
	sum of 9 →			sum of 6 ↓			
sum of 8 →					2		
sum of 9 ↓					2		
		sum of 5 →			2		
	sum of 7 →						

sum of 8 →						sum of 7 ↓	
	sum of 3 ↓	sum of 5 ↓	sum of 10 ↓		sum of 10 ↓		
sum of 3 →							sum of 10 ↓
sum of 8 →				sum of 6 ↓		sum of 4 ↓	
sum of 5 ↓							
			sum of 6 →				
	sum of 5 →	1	4				

Circle the digit in the hundredths place.

998.687

Circle the greatest number:

28,964,358

1,064,925

837,541,703

12,679

What time is 14 hours after  
1:00 a.m.?

\_\_\_\_\_

Kevin invented a robotic bug. The bug  
can crawl five centimeters in twenty  
seconds. How long would it take the bug  
to crawl thirty-six centimeters?

What is the meaning of the underlined phrase?

My debate partner and I are always on the same page.

\_\_\_\_\_



It's NO PREP at edHelper.

More history!



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