

Name: _____

$$8 \times 11 - 8 - 8$$

Round 19,609 to the nearest thousand.

What 5 coins add up to 51 cents?

How much money is 1 quarter, 1 dime, 5 nickels, and 1 penny?

$$7 \div \frac{1}{6}$$

It was 6 degrees above zero in the morning. By afternoon the temperature rose 16 degrees. How warm was it?

In what quadrant would you find the point (-10, 8)?

What is the remainder of 62 divided by 14?

$$\frac{1}{8} \times \frac{3}{8}$$

69, 83, 97, _____, 125, 139, 153

91985, 59198, 85919,
98591, 19859, 91985,
59198, 85919, _____,
19859, 91985, 59198,
85919, 98591

It's 11:00 a.m. and Amanda is getting ready for soccer practice. If practice starts at 4:35 p.m., then how much longer until soccer starts?

Use >, <, or = to complete.

$$\frac{1}{12} \text{ — } 87\%$$

$$\frac{3}{11} \text{ — } 30\%$$

$$\frac{1}{2} \text{ — } 25\%$$

$$(13 + 10 + 6) =$$

$$4 \times 4 \times 4 \times 4 \times 4 = x^5$$

What is the value of x?

Name: _____

Complete each pattern, using the same rule. Write what the rule is.

40, 36, _____, _____, 24, 20, 16, 12, 8, 4
 _____, _____, 56, 52, 48, 44, 40, _____, _____, 28
 36, _____, 28, _____, 20, 16, 12, 8

Complete each pattern. Write what the rule is. Hint: Look for alternating sequences.

Every third number is the greatest common factor.

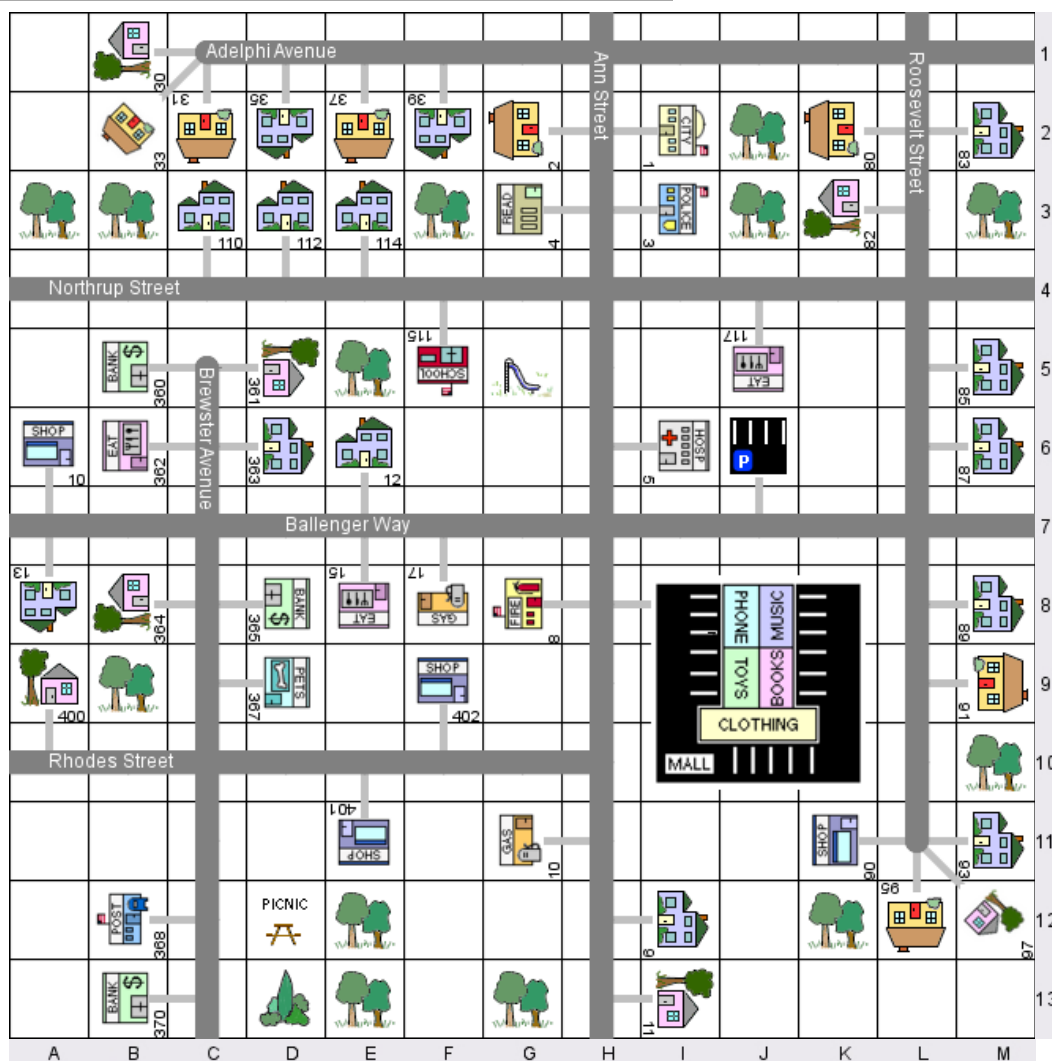
45, 13, 1, 54, 25, 1, 63, 37, 1, 72,
 49, 1, 81, 61, 1, 90, 73, _____, _____, _____

9, 16, 1, 18, 28, 2, 27, 40, 1, 36,
 52, 4, 45, 64, 1, 54, 76, 2, _____, _____

Name: _____



= 250 meters







Name: _____

The library at 4 Ann Street is across from



Circle the building that is located on Rhodes Street.



Write the total distance to go from the house at 400 Rhodes Street  to the store at 401 Rhodes Street .

Write the total distance to go from the house at 110 Northrup Street  to the bank at 370 Brewster Avenue .

Begin at the gas station at 10 Ann Street. Walk the path to the road. Once you reach the road, you have already walked 178 meters. Go north on Ann Street. Your final destination is on the east side of Ann Street. You will have walked a total of 2,606 meters from your starting point (including the 178 meters path at the end of your walk). What is your final destination?

Go _____ to drive from the post office at 368 Brewster Avenue  to the bank at 370 Brewster Avenue .

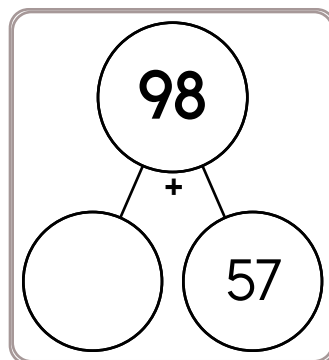
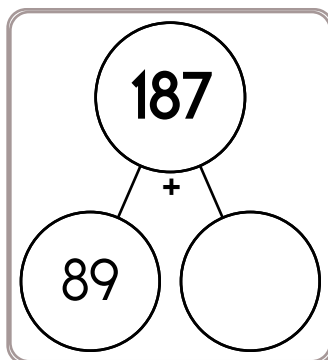
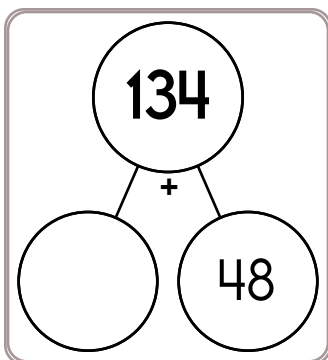
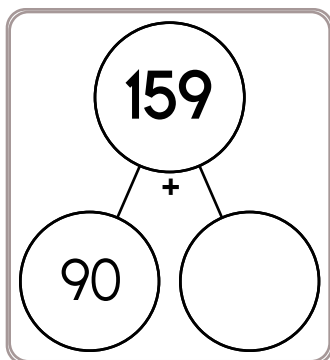
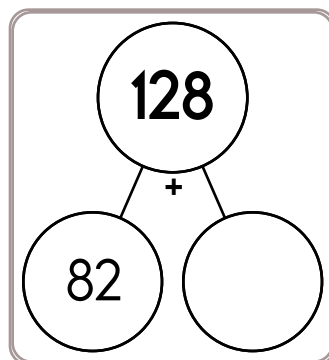
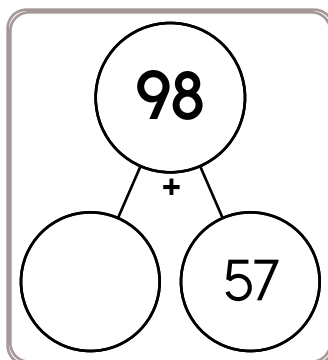
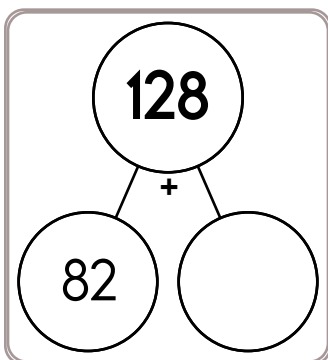
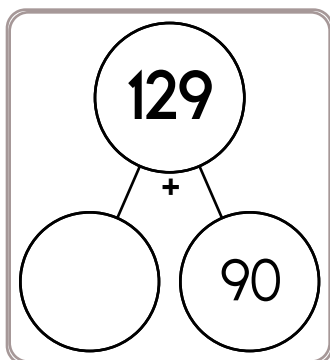
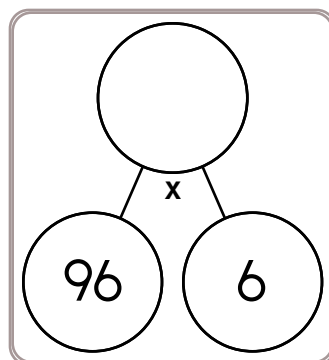
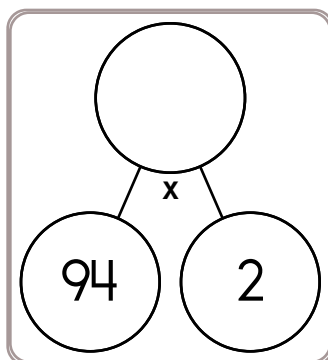
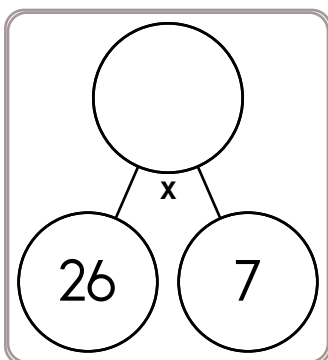
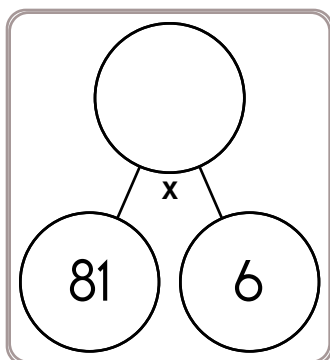
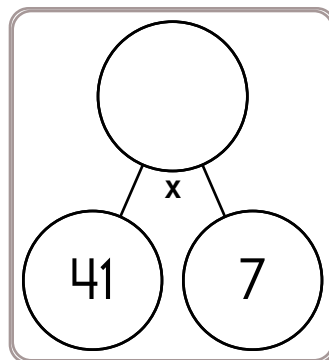
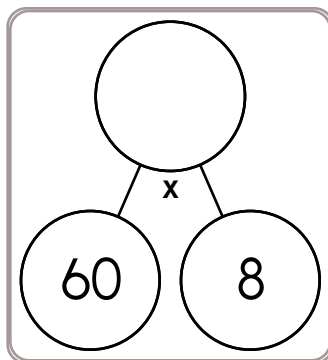
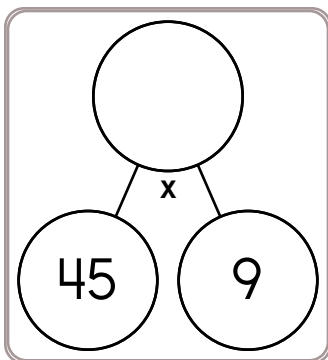
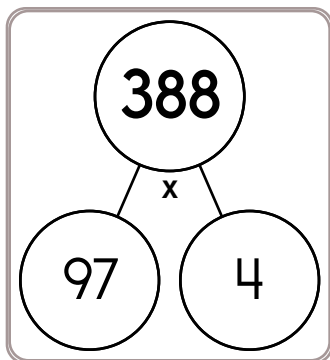
[Hint: Use north, south, west, or east.]

Northrup Street is _____ of Rhodes Street.

Ballenger Way is _____ of Adelphi Avenue.

Begin at the house at 110 Northrup Street. Walk the path to the road. Once you reach the road, you have already walked 178 meters. Go east on Northrup Street. Your final destination is on the south side of Northrup Street. You will have walked a total of 1,106 meters from your starting point (including the 178 meters path at the end of your walk). What is your final destination?

Name: _____



$$\begin{array}{r} 53 \\ - 40 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ - 39 \\ \hline \end{array}$$

$$\begin{array}{r} 62 \\ - 54 \\ \hline \end{array}$$

$$\begin{array}{r} 83 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ - 30 \\ \hline \end{array}$$

Name: _____

Mary bought some candy. It tasted just like black cow root beer floats! She had 45 pieces of candy. She gave 5 pieces of candy to each of 3 friends. She gave $\frac{2}{5}$ of the rest of the candy to her sister. How many pieces of candy did she have left?

Max wrote an essay of 4.5 pages on the meaning of freedom. Eric wrote an essay on the same topic. Together, their essays were 8.3 pages. Write an equation to find out how many pages Eric wrote. Solve the equation.

Give two answers for x in each equation.

$$|-6 + x| = 2$$

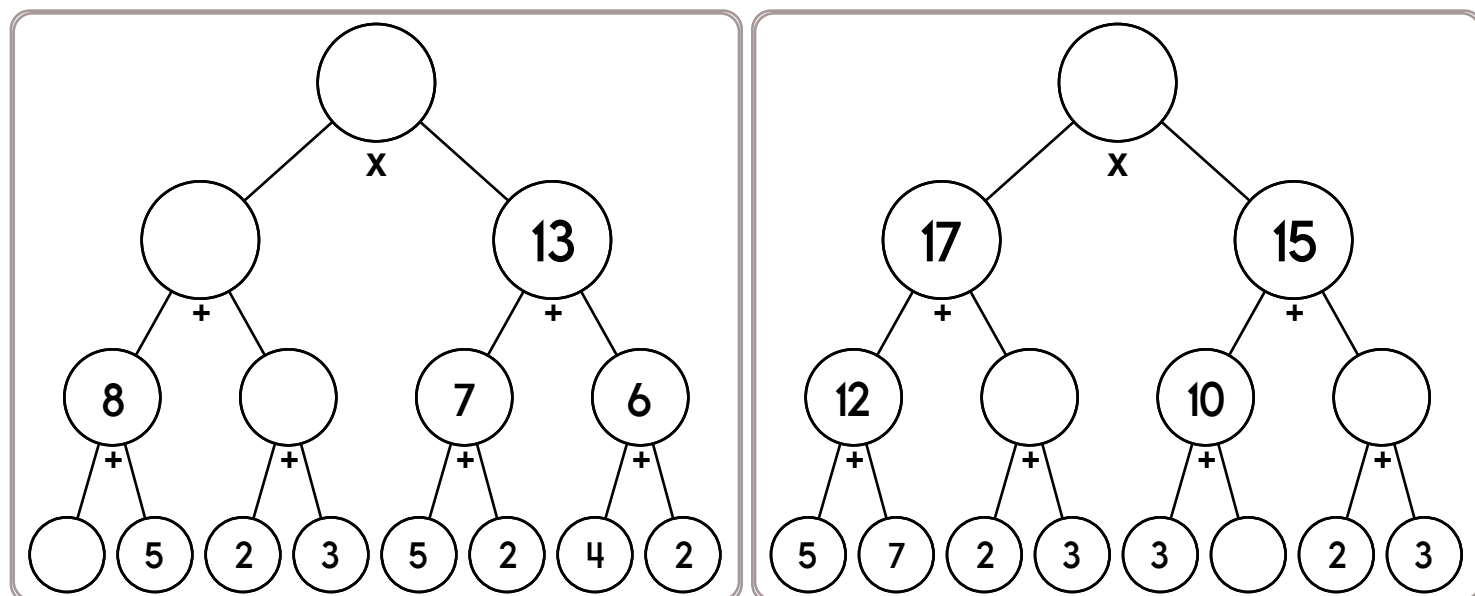
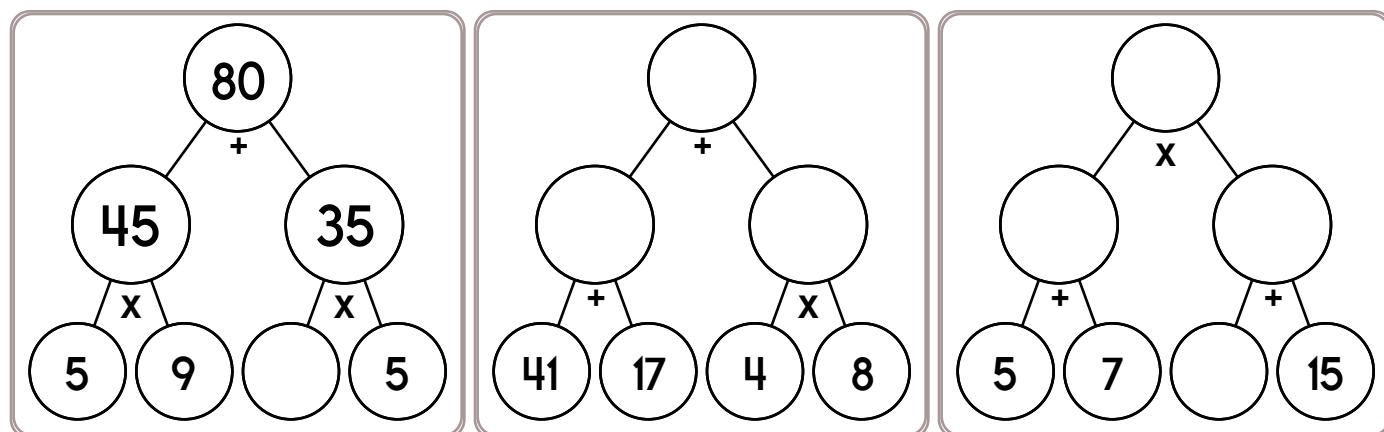
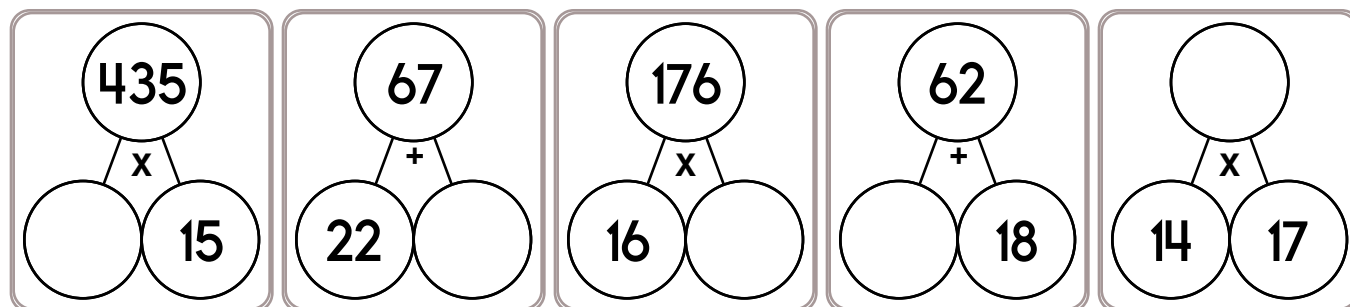
$$|x - 13| = 2$$

$$18y = 108$$

$$\frac{20}{N} = 2$$

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

Name: _____



If $a = 4$ and $b = 51.2$,
then
 $2a + b - a =$

Circle the percentage that
is closest to 18 out of 63:

69%
12%
28%

$$\frac{4}{10} \times \frac{5}{11}$$

Name: _____

Sara is making 5 batches of cheese popcorn and 4 batches of caramel popcorn. She needs 1 cup of popcorn for each batch. How many cups of popcorn does she need?

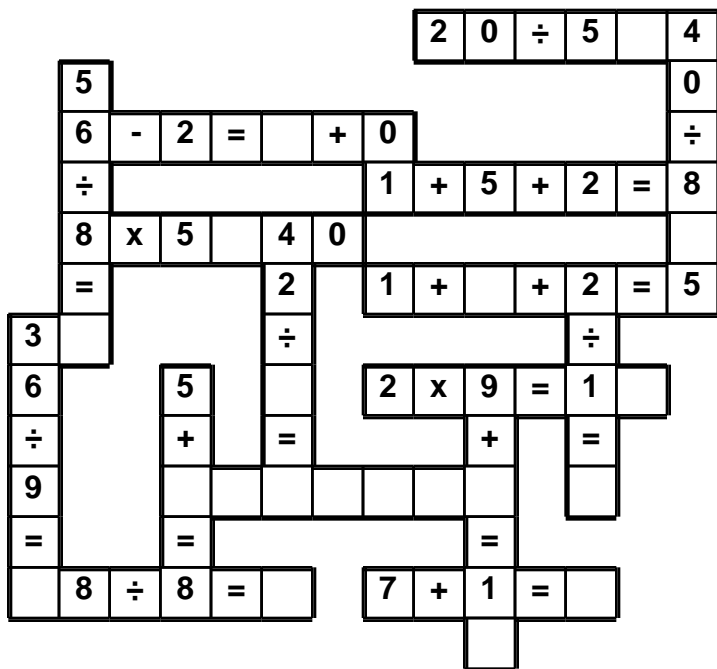
The Merry Mart had a candy sale on Candy Day. The store sold the candy for 20% off the regular price. The regular price of a box of Mellow Mints was \$3.96. How much did the box of mints cost on Candy Day?

Dyno Dental Floss is packaged into boxes measuring 3 inches by 3 inches by 0.5 inches. How many boxes of Dyno Dental Floss can be packed into a box measuring 15 inches by 8 inches by 7.5 inches?

Name: _____

= • 4 • = • = • 2 • 7 • 6 • 8 • 3 • + • 7 • = • 6 • + • 4 • 2
4 • 6 • 8 • 3

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



Name: _____

Draw a line from START to END.

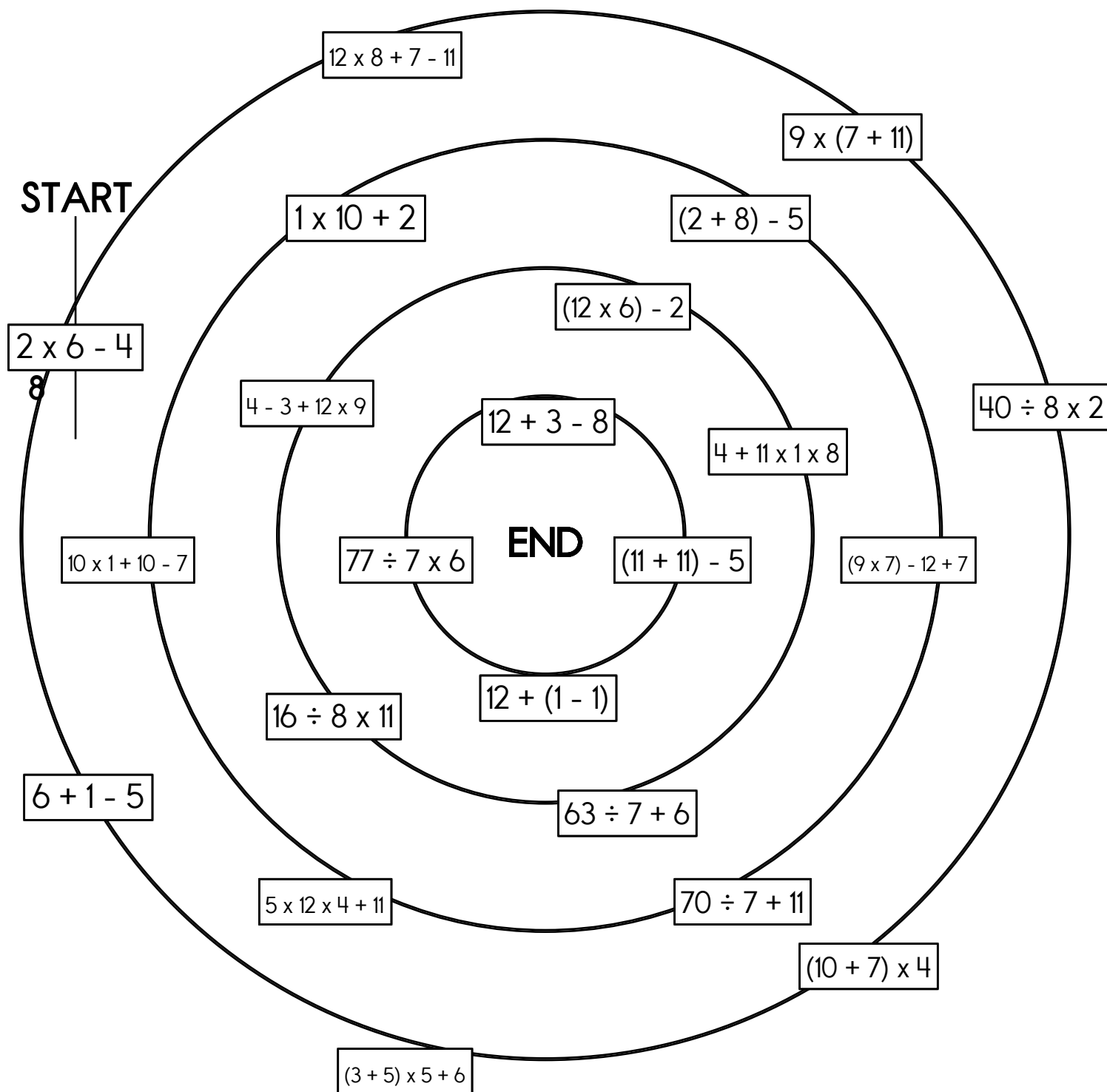
66

15

251

~~8~~

Cross out the number you use above and then write it below.



Name: _____

Can you draw lines to cover every number or shape in the picture?

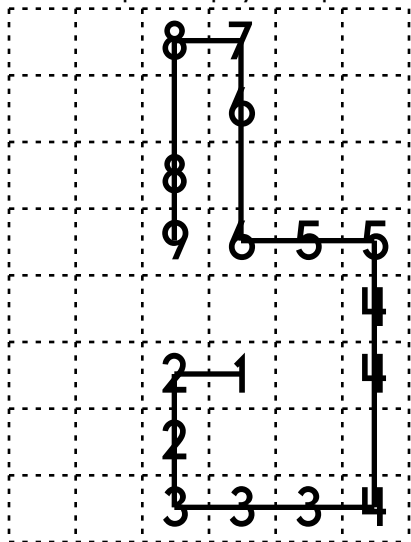
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

The first one is already done for you. Good luck.

Draw exactly 8 lines.

Start on 1.

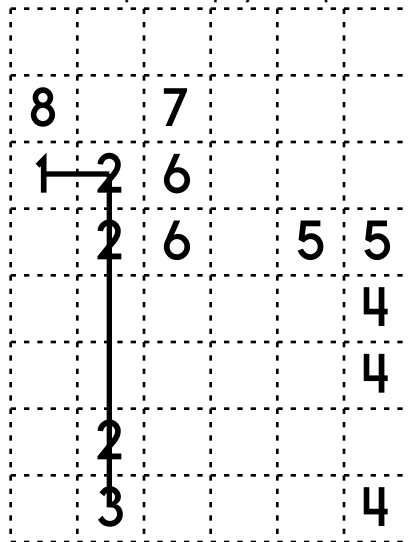
Do not pick up your pencil.



Draw exactly 7 lines.

Start on 1.

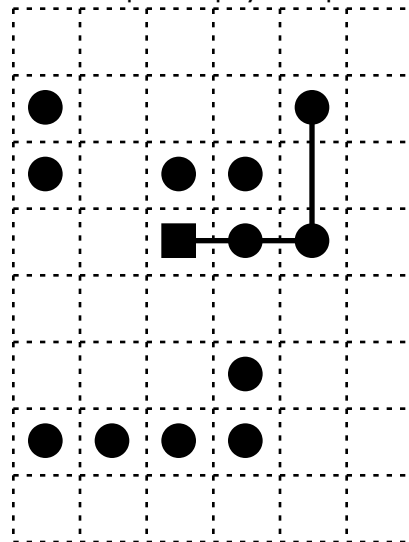
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

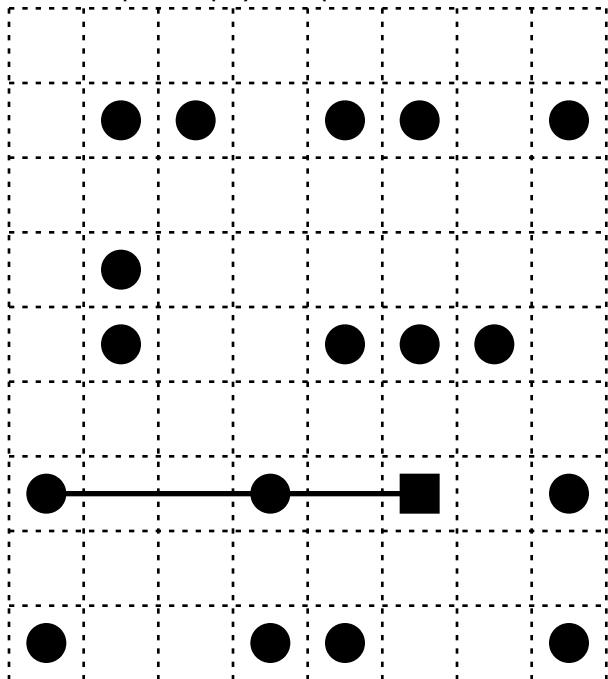
Do not pick up your pencil.



Draw exactly 7 lines.

Start on the square.

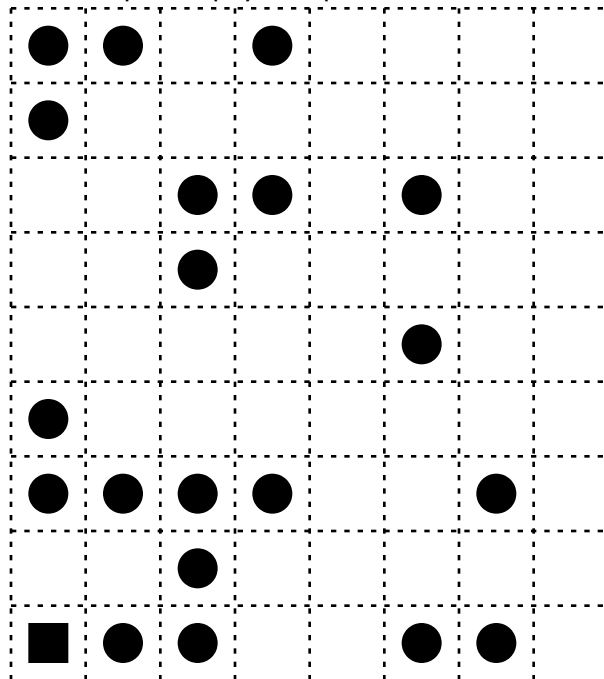
Do not pick up your pencil.



Draw exactly 9 lines.

Start on the square.

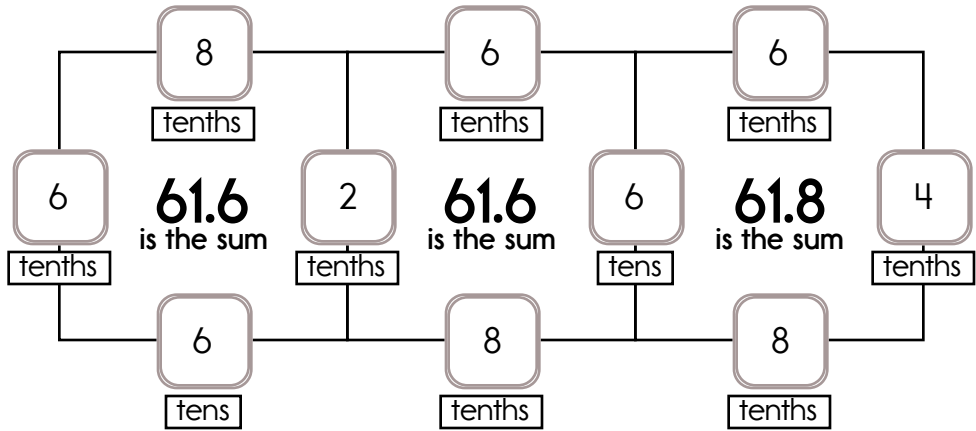
Do not pick up your pencil.



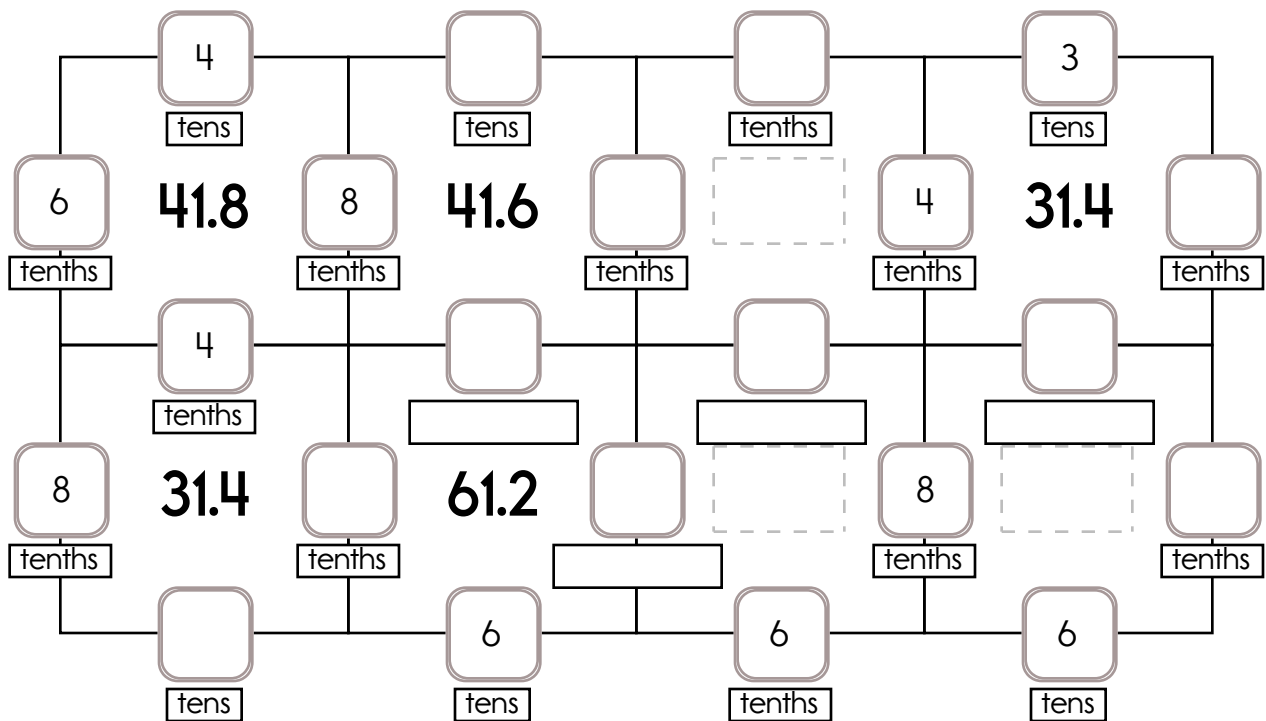
Example:

Example:

Sample:



The other three numbers have to all be DIFFERENT and must be from these: 8 tenths, 4 tenths, 2 tenths, or 6 tenths.



Name: _____

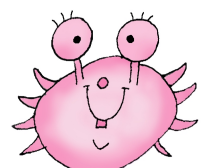
<p>The world's largest pizza was made in South Africa. Its area was $11837 \frac{3}{5}$ square feet. If the pizza were cut into $1 \frac{1}{2}$ square foot pieces, how many pieces could be cut from the pizza?</p>	<p>Mr. Jackson likes to buy vegetables and fruit from roadside stands. Yesterday he bought 3.4 pounds of apples at \$1.26 per pound, 2.3 pounds of grapes at \$1.53 per pound, and 5.6 pounds of red potatoes at \$0.82 per pound. He paid for his purchases with a \$50-bill. How much change did he get?</p>	<p>Sarah is making small gift bags of tea. Each bag holds $1 \frac{3}{4}$ ounces of tea and sells for \$3.75. She buys the tea for \$11.90 per pound. Her other supplies cost \$0.39 per bag. How much profit (or loss) will she make per pound of tea?</p>
--	--	--

<p>Write an equation to represent this:</p> <p>The product of eight and four is thirty-two.</p> <p>_____</p>	<p>Fill in the missing operations to complete this equation:</p> <p>18 ____ 9 ____ 16 = 18</p>
--	--

$\begin{array}{r} 357 \\ + 449 \\ \hline \end{array}$	<p>Sarah rolls two dice. What is the chance of her rolling a 6 on one die and a 2 on the other die?</p> <p>_____</p>	$11 \times 12 = \underline{\hspace{2cm}}$	$\begin{array}{r} 829 \\ - 433 \\ \hline \end{array}$
---	--	---	---

$9 \div 3 = \underline{\hspace{2cm}}$	$10 \times 11 = \underline{\hspace{2cm}}$	$\begin{array}{r} 94 \\ - 12 \\ \hline \end{array}$	<p>You can buy 2 toys for \$10 at the store. At this rate, what would be the cost of six toys?</p>
---------------------------------------	---	---	--


$8 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$	$6,195 - 4,138 = \underline{\hspace{2cm}}$
--	--



Name: _____


$18 \div 9 = \underline{\hspace{2cm}}$	$\begin{array}{r} 37 \\ + 43 \\ \hline \end{array}$	The product of two consecutive whole numbers is 72. What are the two consecutive whole numbers?	$66 \div 6 = \underline{\hspace{2cm}}$
--	---	---	--

Anne and her little sister, Anna, both have birthdays on the same day. Anne is sixteen years old. Anna is eleven years old. Did you know that Anne was once double the age of Anna? How many years ago was that?	$7 \times 5 = \underline{\hspace{2cm}}$	$5 \times 4 = \underline{\hspace{2cm}}$

If you divide 57 by 5, you get a remainder of 2. Make up three other different equations where you divide by 5 and get a remainder of 2.	$36 \div 12 = \underline{\hspace{2cm}}$	$9 \times 4 = \underline{\hspace{2cm}}$
		

1 km = 1,000 m 21 km = $\underline{\hspace{2cm}}$ m	Hunter has four quarters and one dime. He also has one other coin that is different from the rest of his coins. How much could he have?
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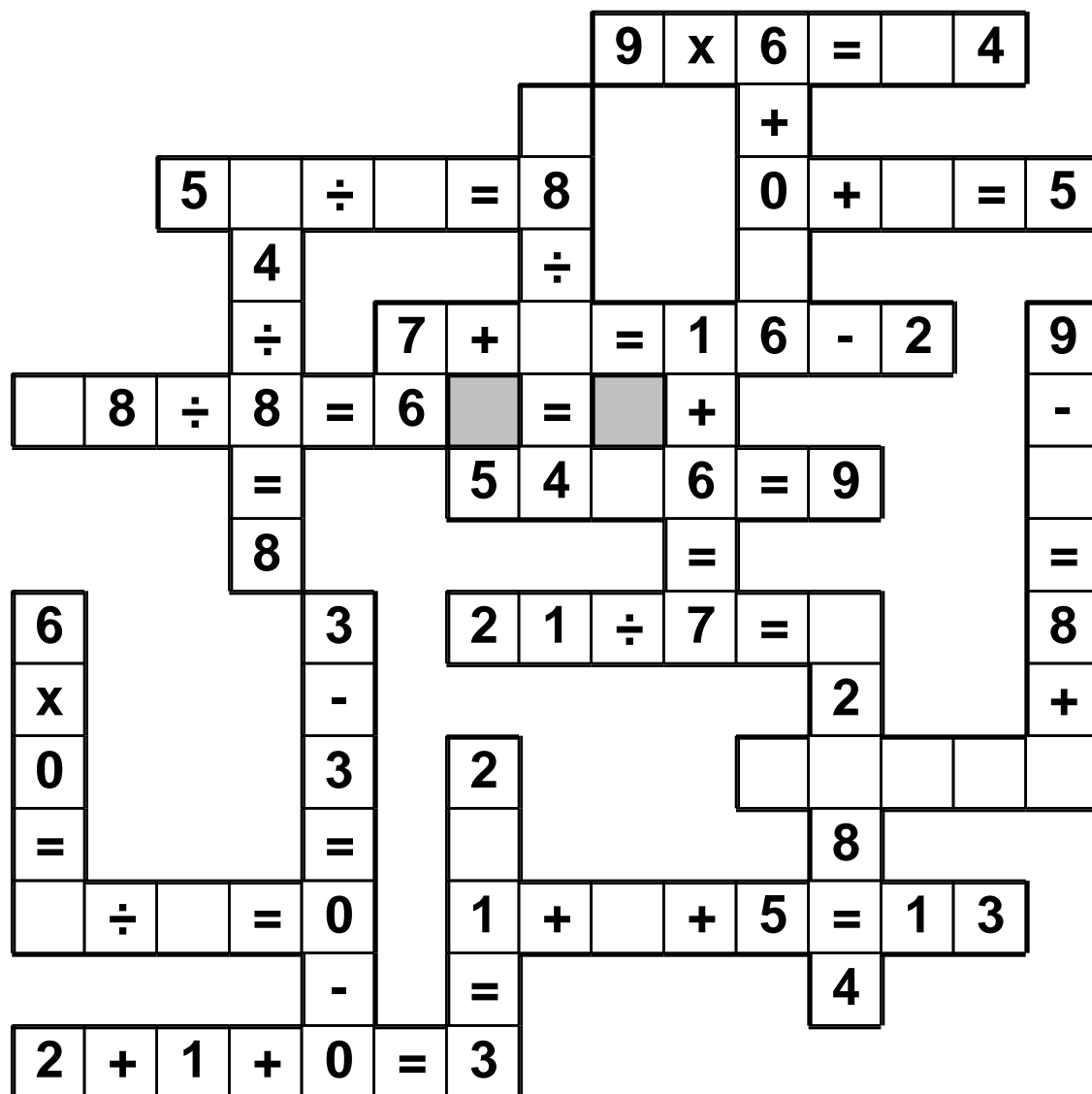
Name: _____

Rewrite these in increasing order of length: 6 mm, 272 dm, 333 km		$(6 + 4) + 2 =$
How many pounds are in 32 ounces? _____ pounds		What is the largest possible product of a two-digit number and a three-digit number? Show the two numbers.
$6 \times 7 =$ _____		
Circle the digit in the hundredths place. 5,339.97		$10 \times 3 =$ _____
$8 \div 2 =$ _____	36% of 100 is 36. 36% of 200 is 72. 36% of 500 is 180. What is 36% of 900?	For 1,427,111,968,722, write the digit that is in the ten thousands place. _____
		What number is halfway between 23 and 42?
$3 \times 9 =$ _____	$9,721 - 3,628 =$ _____	
In the number 69,443,998, the digit 3 is in what place? _____		$2,612 - 1,875 =$ _____

Name: _____

5 • 2 • 6 • 7 • 5 • = • 7 • 4 • ÷ • 1 • 3 • 0 • ÷ • 6 • = • 0 • +
0 • 3 • 7

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



$20 \div 4 =$ _____

$2 \times 9 =$ _____

Circle the addition property
for $31 + 170 = 170 + 31$.

associative property
commutative property



Name: _____

Caleb, Ryan, Benjamin, and Kaitlyn each started a sticker collection in April. Each one of them collected a different number of stickers in April and May. During the first month, they collected 19, 32, 26, and 33 stickers. During the second month, they collected 51, 40, 48, and 42 stickers.

Figure out how many stickers each person collected in April and May.

1. If Ryan did not collect stickers in May then Ryan would only have 32 stickers.
2. Kaitlyn has a total of seventy stickers.
3. Caleb and Benjamin both were not the ones who collected thirty-two stickers in April.
4. Caleb and Benjamin both were not the ones who collected forty-two stickers in May.
5. Benjamin collected fifteen more stickers in May than in April.

Caleb collected _____ stickers in April and _____ stickers in May.

Ryan collected _____ stickers in April and _____ stickers in May.

Benjamin collected _____ stickers in April and _____ stickers in May.

Kaitlyn collected _____ stickers in April and _____ stickers in May.

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.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

Make a Word	Sum
<div> <div>1 2 4 6 12 18</div> <div>S O M B E R</div> </div>	13
<div> <div>1 4 8 14 20</div> <div>F L I</div> </div>	
<div> <div>A X C D X X G H X J K X X</div> <div>N X P Q X X T U V W X Y Z</div> </div>	

Make a Word	Sum
<div> <div>1 2 4 6 10</div> <div>O</div> </div>	
<div> <div>1 2 4</div> <div>G U</div> </div>	
<div> <div>A B C D E F X H I J K L M</div> <div>N X P Q R S T X V W X Y Z</div> </div>	

Name: _____

What is the area of a rectangle with sides 5 cm and 10 cm?

What 4 coins add up to 16 cents?

$$3 \times 12 + 5 \times 8$$

A rectangle is 56 cm on one side and 7 cm on another side. What is the perimeter?

7, 6, 7, 6, 7, 6, 7,
_____, 7, 6

$$12 \div \frac{1}{7}$$

E, J, F, K, G, L, H, M,
_____, N, J, O

70, 75, 80, 85, 90, 95,
100, _____, 110, 115

The area of a rectangle is 55 cm^2 . What could the length of the 4 sides be?

Rewrite $\frac{4}{25}$ as a decimal.

$$14.1737 \times 10^3 =$$

$y = x + 19$
 $y = 29$
What is the value of x ?

Simplify.

$$\frac{16,800}{29,400} =$$

$$2 \times 2 \times 2 \times 2 = Z^y$$

What is the value of Z and y ?

$t - 16 + 10 = 23$
What is the value of t ?

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

16	46	22
47	11	29
94	67	76

Find an
addition fact.

B

68	40	32
53	88	70
94	51	41

Find an
addition fact.

C

18	66	71
7	44	70
9	29	77

Find an
addition fact.

Equations:

Write the equation facts you found.

A	47	+		=	
B		+		=	
C		+		=	

Rose is a family friend. She will be picking you up from school and driving you to a bank. Where should she go? Write instructions to explain how she could get there and where you will be going.

$7 \times 4 =$ _____



Name: _____

$$10 \overline{) 600}$$

$$60 \overline{) 1500}$$

$$10 \overline{) 180}$$

$$10 \overline{) 960}$$

$$12 \overline{) 132}$$

$$12 \overline{) 120}$$

$$12 \overline{) 144}$$

$$5 \overline{) 220}$$

$$10 \overline{) 150}$$

$$15 \overline{) 360}$$

$$6 \overline{) 420}$$

$$12 \overline{) 192}$$

Subtract 60 from 847.

$$165 + 53 =$$

Subtract 73 from 650.

$p - \$54 = \26
What is the value of p?

What is the greatest
common factor of the
numbers 80 and 96?

If $m = 5$ and $g = -49$ then
what is $12m + 12g - 3g = ?$

$$8 \times 5 = \underline{\hspace{2cm}}$$

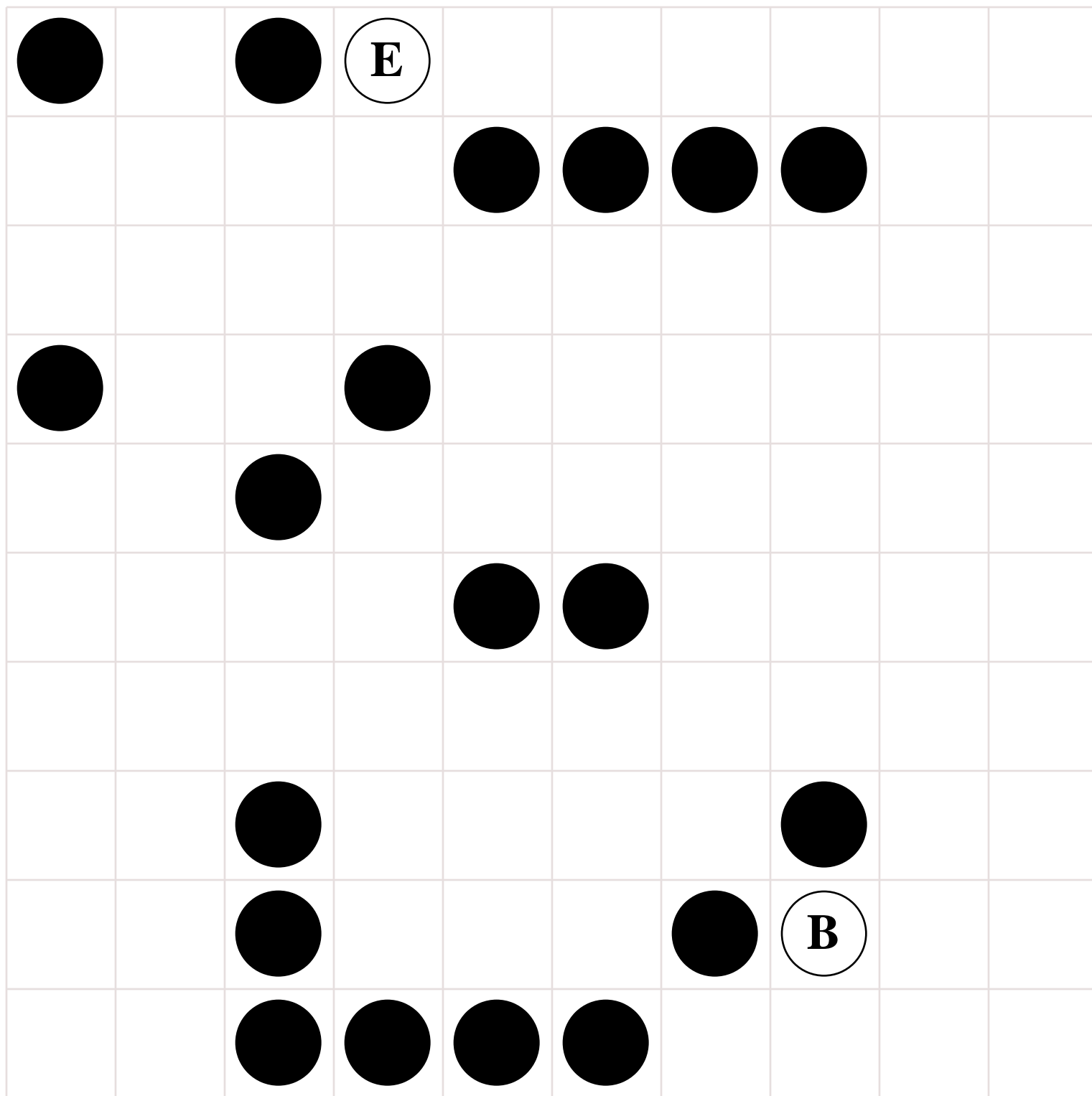


Name _____

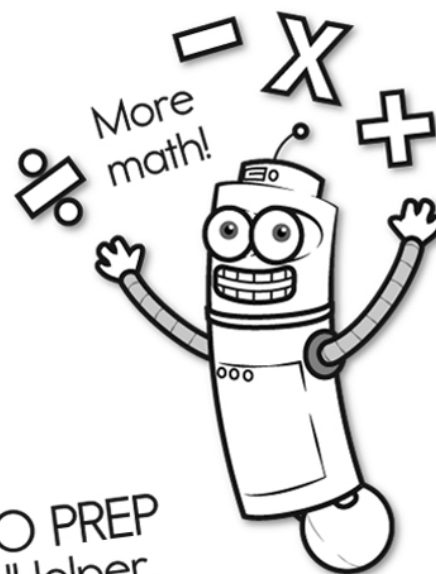
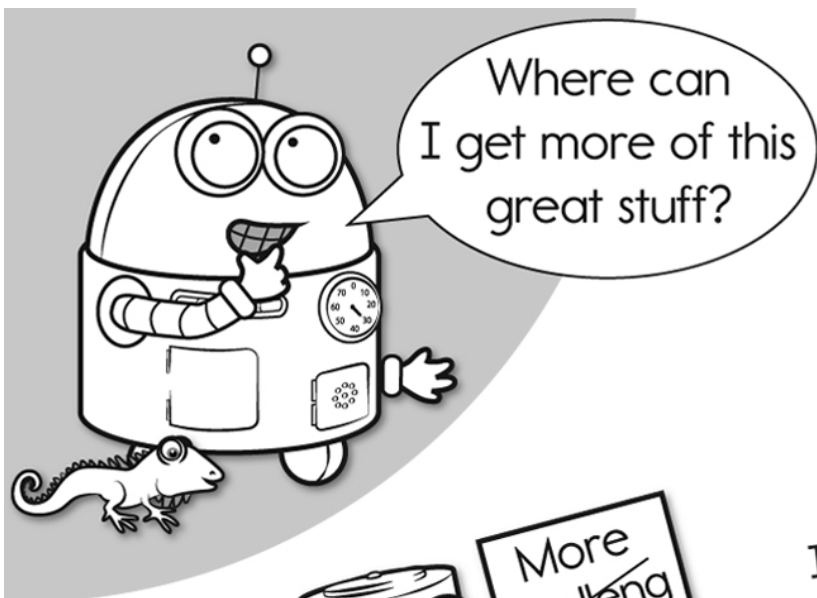


Date _____

Start on the **B** circle. Do not pick up your pencil. Draw a line going left, right, up, or down. **Every line must end on a circle. No stopping on an empty box.** Try to collect all the circles and end your last line on the **E** circle. You can go through a circle more than once.



Didn't get them all? That's ok. This was hard. I missed only _____ circles.

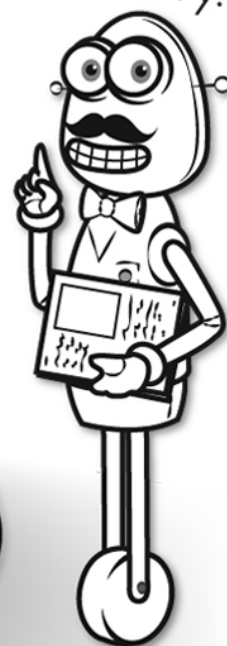


It's NO PREP at edHelper.

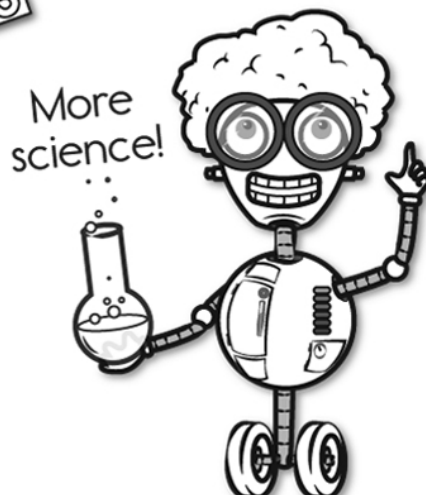
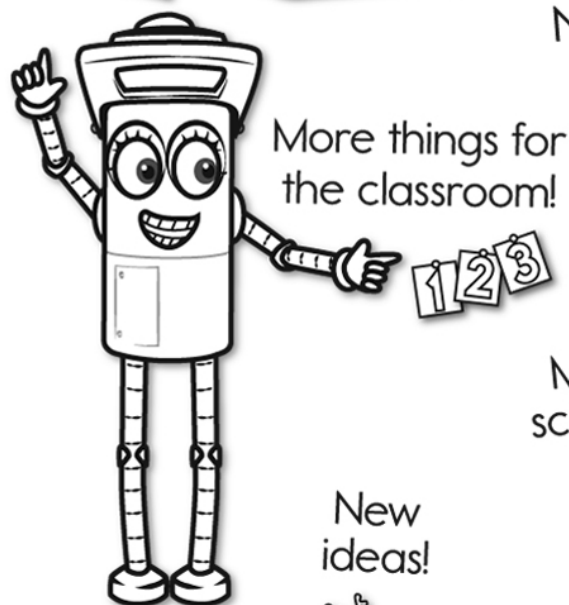
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edHelper.com!



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New ideas!



\times
 $\times =$
 $- \div$
 $< - >$

More puzzles!

