

Name: _____

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

80% of 60



68% of 125

31% of 100



62% of 50

32% of 150



25% of 148

35% of 20



14% of 150

85% of 100



52% of 75

15% of 140



75% of 140

50% of 78



37% of 100

28% of 25



100% of 105

What 3 coins add up to 45 cents?

8, 10, 12, 14, _____, 18,
20, 22

The perimeter of a rectangle is 20 cm. The longer side is 8 cm. How long is the shorter side?

How much money is 1 quarter, 5 dimes, 1 nickel, and 1 penny?

Know how many inches in a foot? Okay, smarty pants, how many inches in 4 feet?

Round 90,722 to the nearest hundred.

How many meters are there in 85 kilometers?

Write $\frac{3}{6}$ in lowest terms.

$6 \div \frac{1}{8}$

Round the decimal 0.475 to the nearest hundredth.

A toy car can go 3 mph. How long would it take to go 9 miles?

$10 \times 5 - 1 + 9$

Name: _____

Cross off the number that does NOT belong.

73143, 14373, 37314, 31437, 43731, 73143, 14373, 37314,
31437, 43731, 73143, 14373, 37314, 14373, 31437

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$\frac{10}{25}$, $\frac{15}{25}$, $\frac{20}{25}$, 1, $1\frac{5}{25}$, $1\frac{10}{25}$, $1\frac{13}{25}$, $1\frac{15}{25}$, $1\frac{20}{25}$,
2, $2\frac{5}{25}$, $2\frac{10}{25}$, $2\frac{15}{25}$, $2\frac{20}{25}$, 3, $3\frac{5}{25}$, $3\frac{10}{25}$

Why does _____ not belong in the pattern?

Name: _____

Miss Anderson's class bought 5 gallons of apple juice and a punch bowl for the party. The cost of the apple juice was \$3.75 per gallon and the punch bowl cost \$34.55. There are 19 students in Miss Anderson's class. If Miss Anderson and her students shared the cost equally, how much did each person pay?

Several of April's friends are coming to her house. They are going to listen to Ms. Clark talk about evaluating their lives. April has 5 fl oz. of lime juice, 17 fl oz. of orange juice, 15 fl oz. of white grape juice, and 6 cups of ginger ale. April is going to make a punch. Does she have enough for 19 5-fl oz. servings?

Rewrite this mixed number as an improper fraction.

$$8\frac{8}{9}$$

The (make-believe) country of Slowmonia is always super slow. But they are hard working, and after 22 years of research, the country of Slowmonia launched a rocket into space to land on Pluto. It is slow! It travels 3.856 kilometers in a month. How far will it travel in 32 years?

Name: _____

How many centimeters in 880.8 meters?

How much time is it from 8:00 a.m. to 11:20 a.m.?

The radius of a circle is 609 cm. What is the diameter of this circle?

$$38 + n = 50$$

Estimate quickly the difference.
 $4,720 - 2,280$

It was 4 degrees below zero in the morning. By afternoon the temperature rose 27 degrees. How warm was it?

$$0.4 (0.5 (0.4 + 2)) =$$

$$0.9 \times 0.4$$

Rewrite $\frac{1}{20}$ as a decimal.

A circle graph has four sections. Only three sections are labeled. The labels are 15.88%, 17.41%, and 15.71%. What should the missing section be?

A circle graph has five sections. Only four sections are labeled. The labels are 10%, 16%, 10%, and 30%. What should the missing section be?

$$0.7 (0.3 (0.7 \times 9)) =$$

$$\text{If } 5x = 65, \text{ then } x =$$

Simplify.

$$\frac{5,800}{8,700} =$$

Each side of a regular pentagon is 33.4 centimeters. What is the perimeter?

Name: _____

<p>Amanda bought 4 pieces of framing to make a frame for a picture of her great grandmother taken at Ellis Island. The wood cost a total of \$12.80. If two of the pieces together cost \$4.32, and each of the other 2 pieces had the same cost, how much was each remaining piece?</p>	<p>Justin earned an average of \$9.50 each day mowing lawns. In February he only earned \$177.15. If he mowed lawns on 25 days in February, what is the average amount he made each day?</p>	<p>Maria made her own costume for Halloween. She bought 1.5 yards of fabric at \$3.79 per yard, 3 yards of black ribbon for \$0.30 per yard, and 4 spools of thread at \$0.29 per spool. Her mask cost \$8.58. How much did Maria spend on her costume?</p>
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$66 \div 11 = \underline{\hspace{2cm}}$	$4 \times 12 = \underline{\hspace{2cm}}$	$\begin{array}{r} 72 \\ - 10 \\ \hline \end{array}$	<p>Sarah rolls a die. What is the chance of her rolling a 1?</p> <p>_____</p>
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$\begin{array}{r} 693 \\ - 682 \\ \hline \end{array}$	<p>Circle the greatest number:</p> <p>8,269,086 47,135</p> <p>14,739,502,015 469,387,213,956</p>	$\begin{array}{r} 48 \\ + 46 \\ \hline \end{array}$
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<p>Circle the smallest number:</p> <p>87,436</p> <p>29,015,016</p> <p>35,729,485,034</p> <p>6,179,284</p>	<p>1 cm = 10 mm</p> <p>18 cm = _____ mm</p>	<p>$2 \times 12 = \underline{\hspace{2cm}}$</p>
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Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

S		N	Y	F	R	Q	T	F	T
	T	P		L	L		G		S
R	T		P	L	Q			F	
P		D			S	S	M	T	C
R	R	L	T		G	T		H	K
	N		R	T		B	L		
S		J		F	L	E	E	T	T
	Y	R		T		G		S	H
R	S		T	R		N	G		
S		S	T			N		R	T

IDLE • SURPRISE • SUSTAIN • FLEET
ATTORNEYS • RANGE • PILL
TABLE • FIFTH • GASH • QUEST
SOCKET • PATRIOT

$$\begin{array}{r} 218 \\ + 236 \\ \hline \end{array}$$

$9 \times 6 =$

$4,643 + 1,414 =$

$17 \text{ kg} = \text{ } \text{g}$

Megan and her little sister, Sara, both have birthdays on the same day. Megan is eight years old. Sara is six years old. Did you know that Megan was once double the age of Sara? How many years ago was that?

$91,515 - 55,878 =$

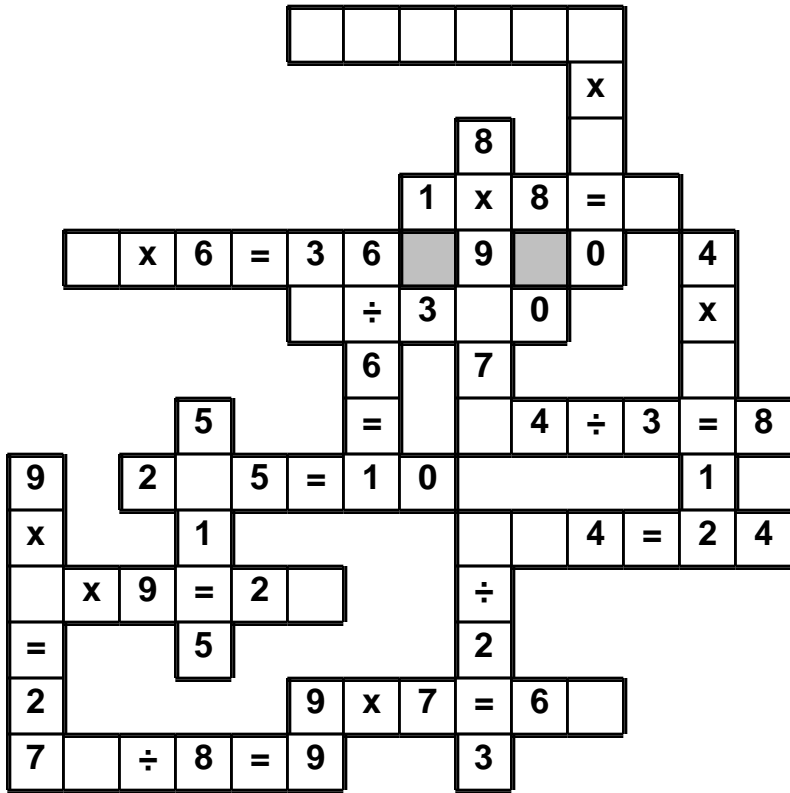
Write the missing family fact.

$$\begin{array}{l} 96 - 13 = 83 \\ 96 - 83 = 13 \\ 13 + 83 = 96 \end{array}$$

Name: _____

How many grams are in 9 kilograms? _____ grams		4,148 - 2,591 = _____	
Amanda is older than Rose. Rose is younger than Amy. Who's the oldest?		Write an equation to represent this: The sum of six and eleven is seventeen. _____	
16 ÷ 4 = _____	What is the largest possible product of a two-digit number and a three-digit number? Show the two numbers.		
77,499 + 99,683 = _____		8 x 3 = _____	3 x 9 = _____
40 ÷ 4 = _____	72 ÷ 9 = _____	The boys in your class each were given a ticket with a number on it. The numbers given out were: 36, 33, 35, 4, 18, 20, and 19. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 3?	
6 x 12 = _____			
6 x 4 = _____	868 - 589 = _____	72 ÷ 12 = _____	
12 ÷ 2 = _____	75,986 + 33,198 = _____	4 x 2 = _____	

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



associative property
commutative property

Write 8,463 in words.

What time is 17 hours after 3:00 p.m.?

$$96 \div 12 = \underline{\hspace{2cm}}$$

Name: _____

Five leprechauns (Luis, Jonathan, Tyler, Emma, and Sydney) are each different heights (3 feet and 5 inches, 2 feet, 3 feet and 9 inches, 3 feet and 2 inches, and 2 feet and 11 inches).

Figure out how tall each leprechaun is.

1. Emma is the tallest leprechaun.
2. Jonathan is taller than Tyler.
3. Sydney is taller than both Jonathan and Tyler.
4. Luis is taller than Tyler and taller than Jonathan.
5. Luis is not taller than Sydney.

Luis is _____ tall.

Jonathan is _____ tall.

Tyler is _____ tall.

Emma is _____ tall.

Sydney is _____ tall.

Circle the digit in the hundredths place.

285.81

$$4,255 + 1,296 = \underline{\hspace{2cm}}$$

Make a decimal number. Start with a zero and a decimal point. Then use these numbers: 40, 8, 1, and 7. Make three different decimal numbers. Put your three decimal numbers in order from largest to smallest.

$$14 \div 2 = \underline{\hspace{2cm}}$$

$$8 \times 12 = \underline{\hspace{2cm}}$$

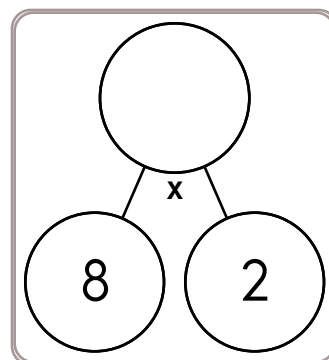
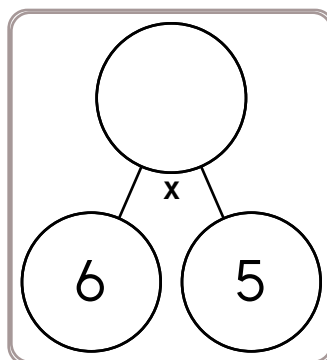
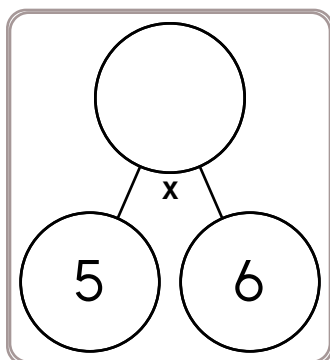
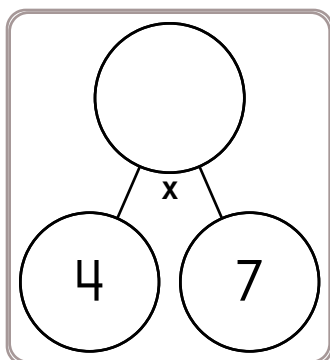
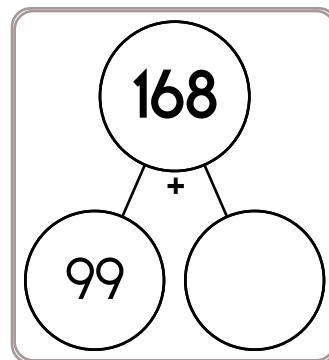
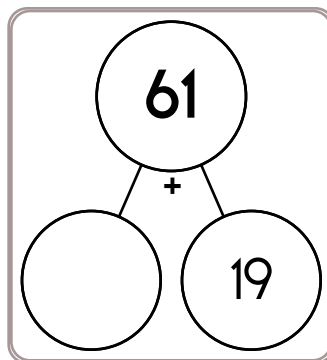
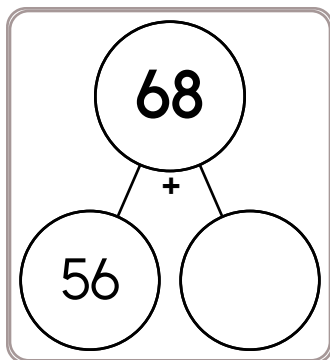
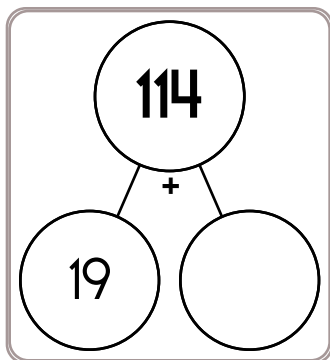
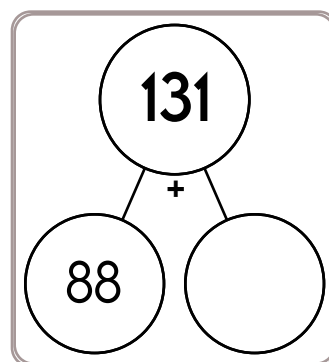
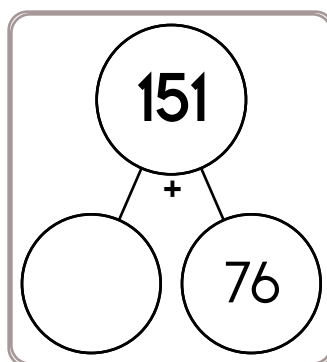
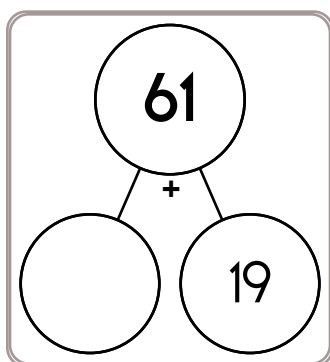
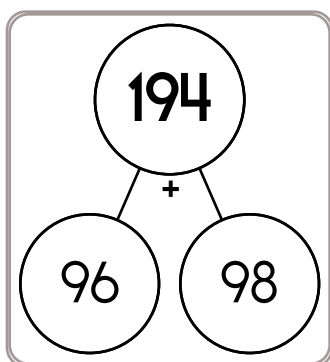
$$3 \times 2 = \underline{\hspace{2cm}}$$

$$71,276 - 34,191 = \underline{\hspace{2cm}}$$

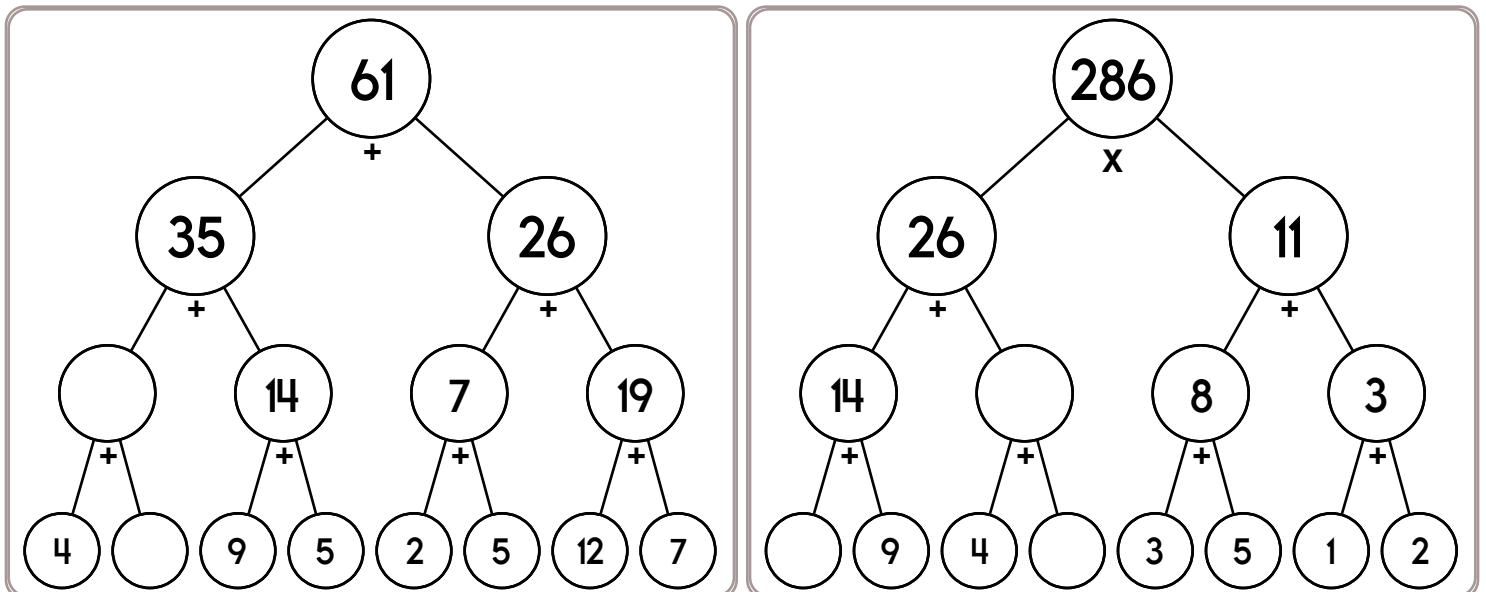
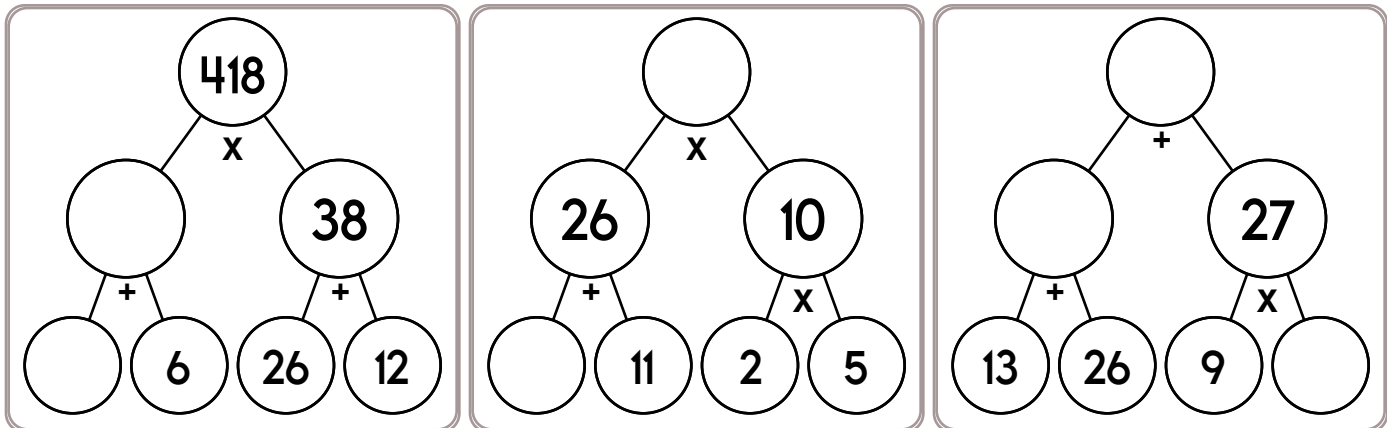
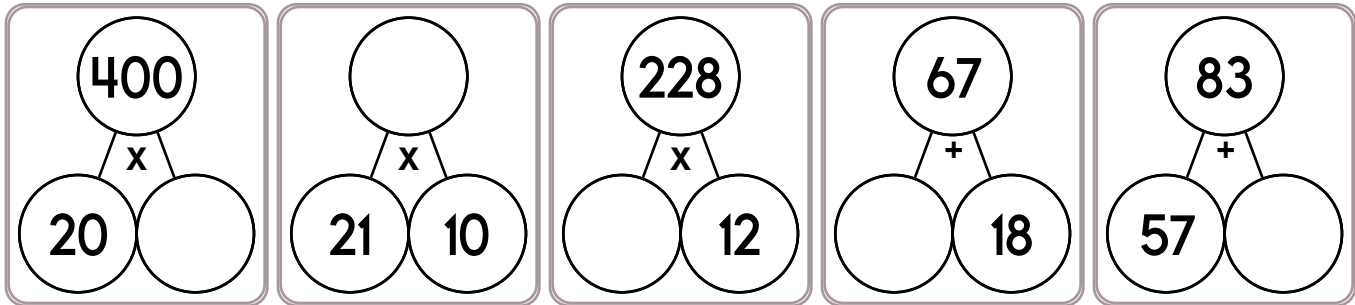
Name: _____

$\begin{array}{r} 25 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 39 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 53 \\ - 30 \\ \hline \end{array}$	$\begin{array}{r} 92 \\ - 47 \\ \hline \end{array}$	$\begin{array}{r} 70 \\ - 65 \\ \hline \end{array}$	$\begin{array}{r} 67 \\ - 11 \\ \hline \end{array}$
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$\begin{array}{r} 88 \\ - 38 \\ \hline \end{array}$	$\begin{array}{r} 91 \\ - 60 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ - 24 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ - 77 \\ \hline \end{array}$	$\begin{array}{r} 75 \\ - 51 \\ \hline \end{array}$	$\begin{array}{r} 23 \\ - 19 \\ \hline \end{array}$
---	---	---	---	---	---



Name: _____



It was 8 degrees above zero in the morning. By afternoon the temperature rose 25 degrees. How warm was it?

Round 11,605 to the nearest thousand.

It was 75 degrees outside. What would the temperature be if it got 30 degrees colder?

Name: _____

If $x = 6$ and $f = -17$ then
what is $7x - 14f - 3f = ?$

What is the remainder of
92 divided by 15?

$$11.3825 \times 10^2 =$$

Simplify.

$$\frac{124}{186} =$$

In what quadrant would
you find the point $(-9, 4)$?

What is the greatest
common factor of the
numbers 64 and 80?

Rewrite as an algebraic
expression or equation.

Twelve subtracted from a
number is thirty-five.

Hannah climbed 11 meters
in only 19.2 seconds. How
many meters did she climb
per second?

The angles in a
quadrilateral
measure 90° , 88° , 94° ,
and s° . What is the
value of s ?

A circle graph has four
sections. Only three
sections are labeled. The
labels are 19%, 19%, and 28%.
What should the missing
section be?

Use $>$, $<$, or $=$ to complete.

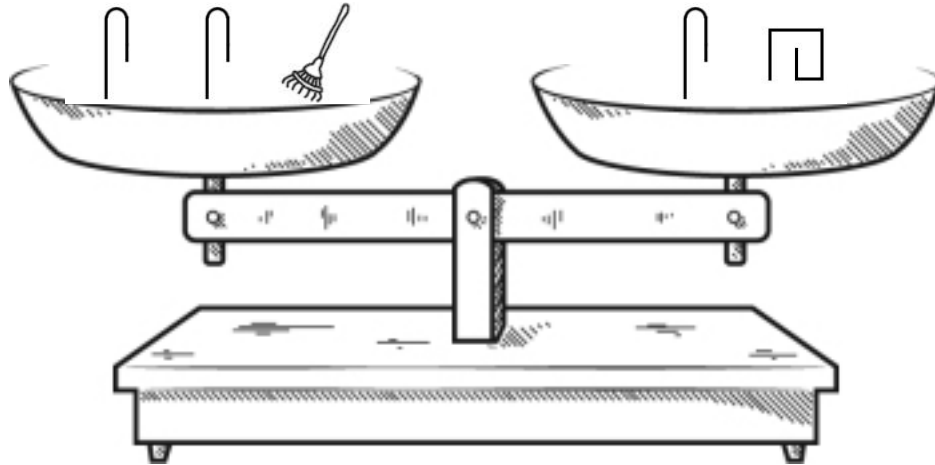
$$\frac{2}{8} \text{ — } 27\%$$

$$26\% \text{ — } \frac{1}{8}$$

$$12\% \text{ — } \frac{1}{8}$$

$$9 \times 7 + 10 \times 12 - 11$$

Name: _____



☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

☐ True
 ☐ False

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

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

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

word root **luc** can mean **light**

translucent, lucidity

Name: _____

I am a whole number. When rounded to the nearest ten, the answer is 70. The sum of my digits is 10. What number am I?

Wendy has 37 coins. The total value of the coins is \$3.80. All she has are nickels, dimes, and quarters. She only wants nickels and dimes, so she gave her brother all of her quarters. There was a total of 4 quarters. How many dimes does she have?

I am a whole number. One of my factors is 11. One of my digits is 5. I am less than 60. What number am I?

Name: _____

$$2 - 3 - 1 =$$

$$17 - 10 = \underline{\quad}$$

$$13 + -5 = \underline{\quad}$$

$$17 + -10 = \underline{\quad}$$

$$13 - 5 = \underline{\quad}$$

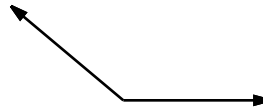
$$16 - \frac{3}{4} =$$

$$11 + \frac{5}{8} - \frac{3}{4} =$$

$$6 - \frac{1}{3} - \frac{1}{5} =$$



What kind of angle is this?



What kind of angle is this?

$$7 + -6 =$$

$$3 - 4 - 13 =$$

$$-11 + 10 =$$

$$\begin{array}{r} 299 \\ - 178 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ + 95 \\ \hline \end{array}$$

Subtract 158 from 440.

Name: _____

$$8 + -9 =$$

$$23 + -38 =$$

$$-10 \times 12 =$$

$$-9 + -2 =$$

$$-12 - -10 =$$

$$-12 - 8 =$$

$$-9 \times -2 =$$

$$-15 + 8 =$$

$$3 + -6 =$$

$$-6 - 10 =$$

$$66 \div -6 =$$

$$-15 + -8 =$$

$$\frac{-12}{-2} =$$

$$-12 \times 9 =$$

$$2 - 3 - 2 =$$

Name: _____

Add one set of parenthesis to each equation so that the equation is true.

$$(10 + 6) + 5 = 21$$

$$3 \div (9 - 8) = 3$$

$$10 + 10 \times 9 = 180$$

$$10 + 10 \times 9 = 100$$

$$9 + 10 - 7 + 5 = 17$$

$$9 + 10 - 7 + 5 = 7$$

$$3 \times 10 + 5 - 3 = 32$$

$$2 \times 5 + 9 \div 9 = 11$$

$$4 + 3 + 4 \times 1 = 11$$

$$7 + 8 \div 4 \times 1 = 9$$

$$7 + 12 + 1 \times 10 = 137$$

$$10 + 4 \times 1 - 8 = 6$$

$$10 - 7 + 2 + 10 = 15$$

$$7 \times 9 + 5 + 10 = 78$$

$$7 \times 7 + 5 \div 4 = 21$$

$$10 \times 12 + 9 + 3 = 132$$

$$8 + 2 \times 7 \div 7 = 10$$

$$6 + 4 + 3 - 7 = 6$$

Name: _____

Find 2 equations hidden in each box. Good luck!

$$(1 \times 6) + 3$$

$$32$$

$$17$$

$$8$$

$$7 - 7 + 12$$

$$(9 + 3) + 5$$

$$(11 + 5) \times 2$$

$$7 - (4 - 1)$$

Write 2 equations: _____

$$4$$

$$5 - 4 + 4$$

$$121$$

$$5 + 6 - 4$$

$$7$$

$$11$$

$$3$$

$$5$$

Write 2 equations: _____

$$9$$

$$12$$

$$4$$

$$1 \times 12 - 8$$

$$(2 + 5) + 5$$

$$18$$

Write 2 equations: _____

Name: _____

Find 2 equations hidden in each box. Good luck!

$$8 - 7 + 3$$

8

4

$$12 \times 6 - 4$$

$$12 - 4 \times 1$$

$$(8 + 6) + 2$$

Write 2 equations: _____

$$6 + 8 - 3$$

$$9 + 9 - 1$$

$$7 - 2 + 7$$

11

20

12

Write 2 equations: _____

$$6 - 1 + 3$$

$$9 - 2 + 7$$

14

$$(8 + 10) - 11$$

4

$$4 + 3 - 7$$

$$7 - 5 + 2$$

$$3 - 1 + 9$$

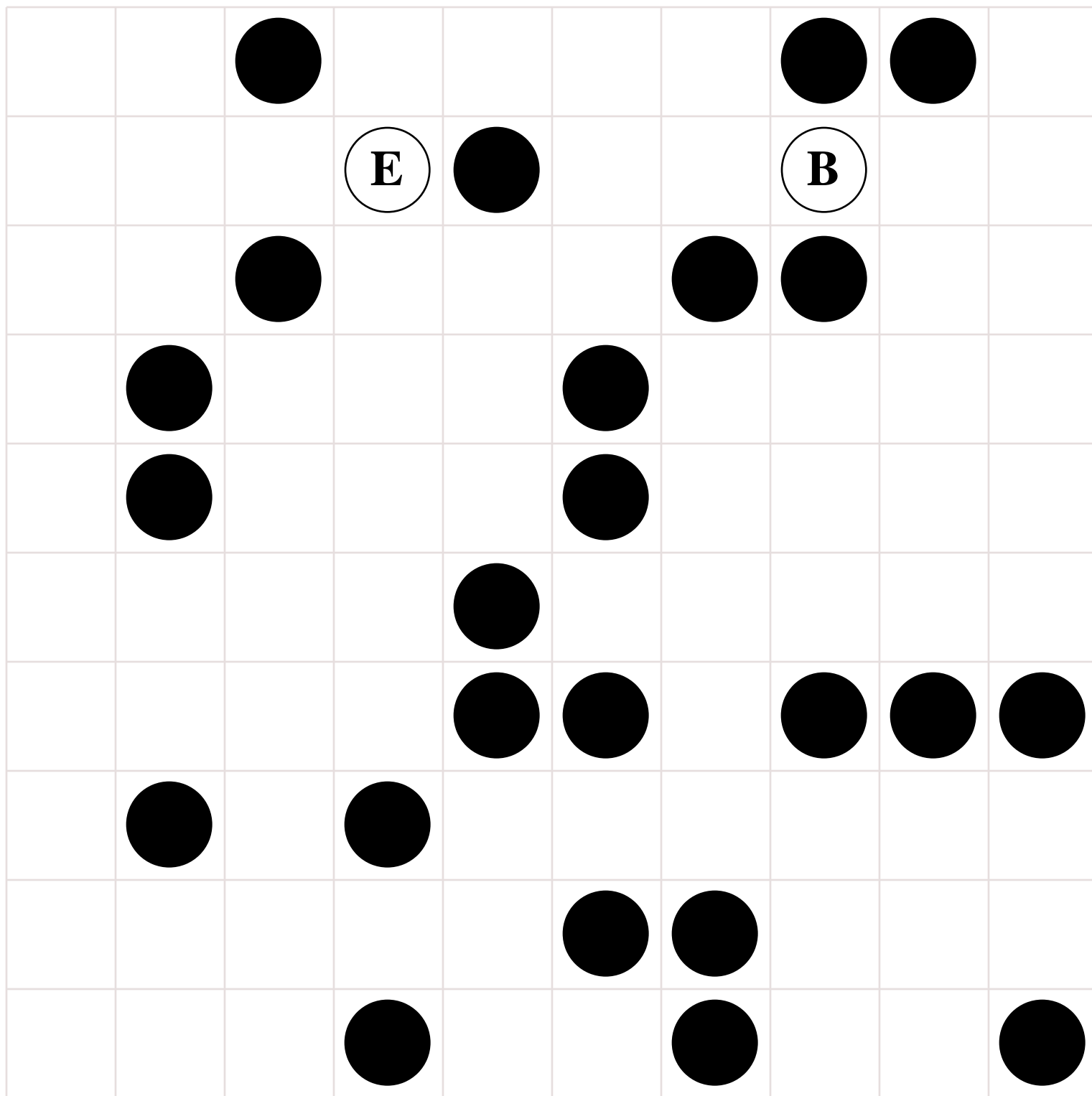
Write 2 equations: _____

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.

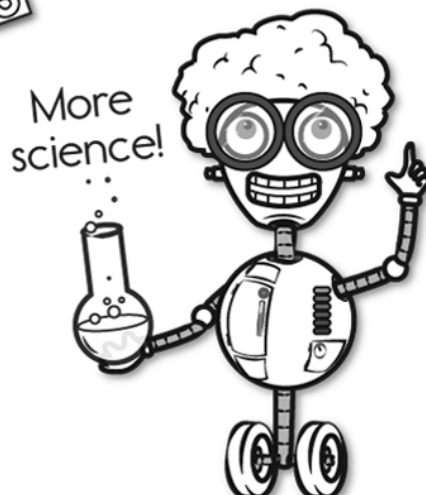
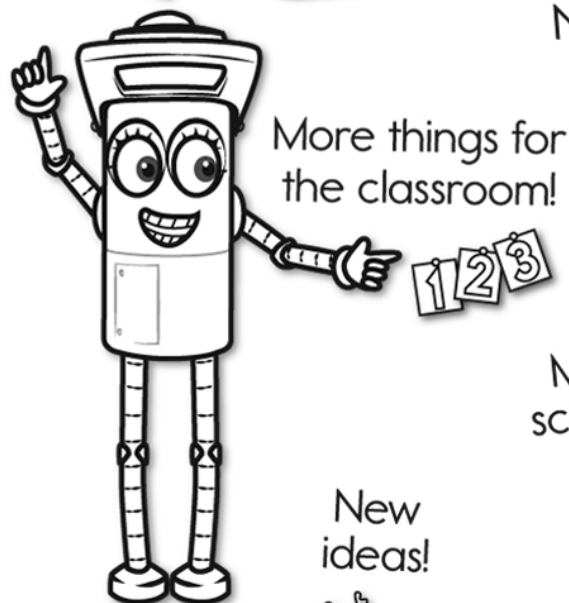
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