

Name: _____

		x		+		=	
	C	?	B				36
+	B	C	C				35
+	B	A	C				29
=							
	17	15	16				

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$B \times A + C = 29$ $_ \times C + C = 35$ $_ + _ + _ = 16$

$_ + _ + _ = 17$

Additional hints:

$B < 8$ $C = A + 1$

Show Work:

Solve:

$? = _$

Name: _____

Draw a line from START to END.

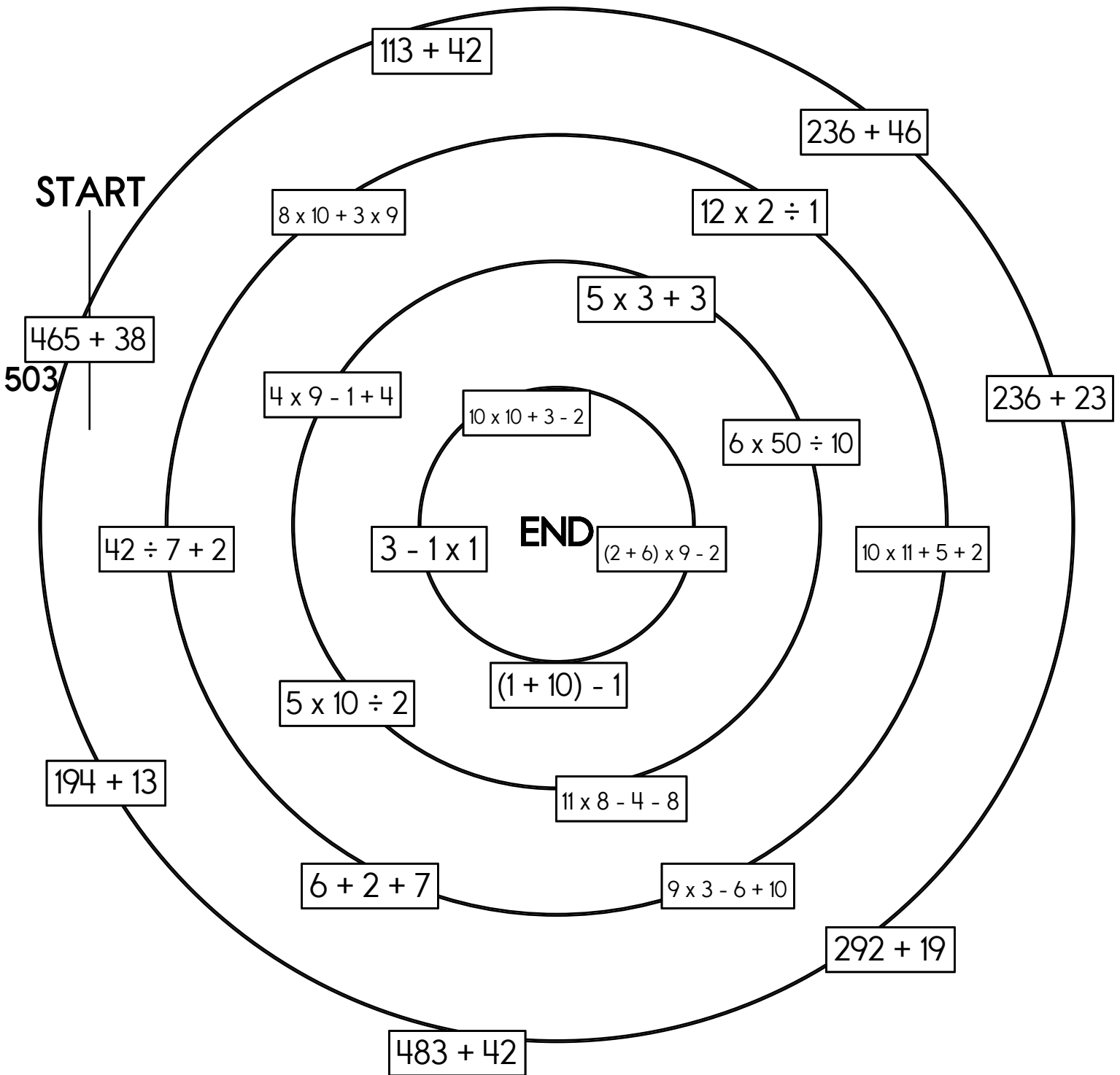
30

~~503~~

10

107

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



Name: _____

$77 \div 11 =$

- A) 8
- B) 4
- C) 6
- D) 7

Which of the following numbers is between 35,217,285 and 35,221,285?

- A) 35224285
- B) 22033004
- C) 35221385
- D) 35218303

$12 \times 3 = 6 \times \underline{\hspace{2cm}}?$

- A) 9
- B) 10
- C) 7
- D) 6

8 ten thousands, 3 thousands, 4 hundreds, 1 one =

- A) 84031
- B) 83401
- C) 8341
- D) 43081

What is 0.098 expressed as a percent?

- A) 98%
- B) 0.98%
- C) 980%
- D) 9.8%

How many numbers are evenly divisible by three between 27 and 40?

- A) 6
- B) 4
- C) 10
- D) None of the above

Name: _____

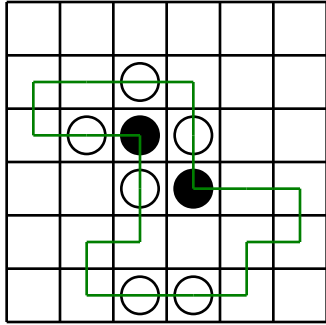
<p>A maple tree grows about 9 inches per year. If the maple tree in Alex's yard is 29 inches tall now, how tall will it be in 4 years?</p>	<p>David spent \$11.47 for a cheese pizza and \$1.20 for each of the two toppings. How much did he spend in all?</p>	<p>The circus starts at 6:30 p.m. It will take Emma 13 minutes to walk to the circus. What time should she leave her house to be there when the circus starts?</p>
--	--	--

Fill in the missing letters. Write ou or oe.

tomat _____s	_____ght	cauti _____s	s _____r
d _____s	potat _____s	mosquit _____s	_____ffield

<p>Write the hidden word. Start at one letter and then move either left or right.</p> <div style="text-align: center;"> </div> <p>_____</p>	<p>Mrs. Taylor worked 25.5 hours at the tie factory last week. Gavin worked 1.6 times as long as Mrs. Taylor. How long did Gavin work?</p>	$\begin{array}{r} 936 \\ - 898 \\ \hline \end{array}$ $\begin{array}{r} 45 \\ + 23 \\ \hline \end{array}$
---	--	--

Name: _____

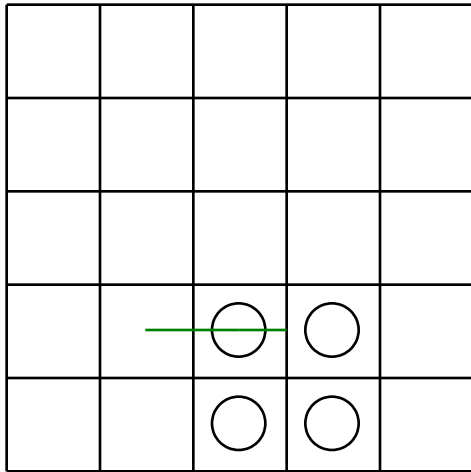


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

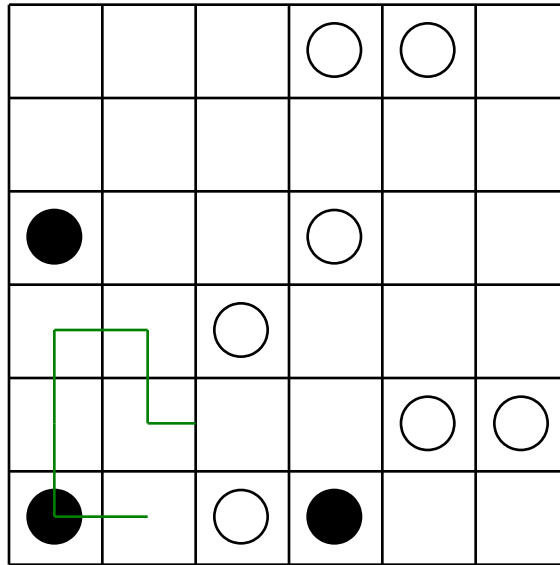
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



$5 \times 6 = \underline{\hspace{2cm}}$

$60 \div 10 = \underline{\hspace{2cm}}$

Erin rolls two dice. What is the chance of her rolling a 4 on one die and a 5 on the other die?

$$\begin{array}{r} 215 \\ + 311 \\ \hline \end{array}$$

1 kg = 1,000 g

15 kg = _____ g

$3 \times 8 = \underline{\hspace{2cm}}$

Eric has two pennies, two nickels, and one quarter. He also has one other coin that is different from the rest of his coins. How much could he have?

$$\begin{array}{r} 78 \\ - 17 \\ \hline \end{array}$$

15 cm = _____ mm

Name: _____

What time is 13 hours after 5:00 a.m. _____	Hannah rolls a die. What is the chance of her rolling a 4? _____	$132 \div 12 = \underline{\hspace{2cm}}$
--	---	--

$29,874 - 15,974 = \underline{\hspace{2cm}}$	How many inches are in 7 feet? _____ inches
--	--

In the number 4,223,330,958, the digit 8 is in what place? _____	Erin likes to change numbers into a secret letter form. Erin changed the number 655,625 to SSSSSS. Erin changed the number 177 to SSS. Erin changed the number 3,349 to SSSS. Erin changed the number 12,698 to SSSSS. How do you think she would change the number 84? _____
$120 \div 12 = \underline{\hspace{2cm}}$	

$3 \times 3 = \underline{\hspace{2cm}}$	For 147,528,481, write the digit that is in the ten thousands place. _____	Two fancy pens cost \$6. At that rate, what is the cost of 6 fancy pens?
---	---	--

April is going to roll two dice. What is the chance that her total will be either 5 or higher on her first roll?	$1,175 + 5,537 = \underline{\hspace{2cm}}$
--	--

$2 \times 5 = \underline{\hspace{2cm}}$	$57,178 - 24,818 = \underline{\hspace{2cm}}$	$54 \div 6 = \underline{\hspace{2cm}}$
---	--	--

Name: _____

5 • 3 • 7 • 2 • 6 • 1 • + • x • = • 0 • 6 • + • 0 • 8 • 3 • =
4 • 4 • 1 • 5

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

The puzzle grid contains the following equations and numbers:

- Top row: 2
- Row 2: 8 + 7 = 1
- Row 3: 3, 2 x 0 = 0, ÷
- Row 4: -, +, 6
- Row 5: 3, =, -, 4 = 1, -, 9
- Row 6: =, =, +, 9, x, 7
- Row 7: 1, ÷, 8 = 2, 3, 6 + 5 = 1
- Row 8: -, +, =, 1
- Row 9: 6, 0, 5, 1, 1, 4
- Row 10: 5, 8, 4
- Row 11: 3, 9, 7, 2
- Row 12: 4 + = 4 ÷, 6 + 2 =
- Row 13: 0, 7
- Row 14: =, 0 x = 0, 4 ÷ =
- Row 15: 6, 6

Write an equation to represent this:
The sum of nine and twelve is twenty-one.

How many dimes make \$1?

7,347 - 1,139 = _____

9 x 6 = _____

24 ÷ 8 = _____

Name: _____

Shelby, Dylan, Nicholas, and Jacob each ate something different for breakfast (muffins, cereal, a melon, or yogurt). They also each had something different to drink (coffee, orange juice, apple juice, or tea).

Figure out what each person had for breakfast.

1. Jacob did not have yogurt or tea.
2. Shelby likes to drink either coffee or apple juice for breakfast.
3. Shelby did not have orange juice.
4. The person who had cereal did not have tea.
5. Dylan did not have a melon.
6. Shelby did not have a melon.
7. The person who had cereal also had orange juice.
8. Dylan likes to drink either coffee or tea for breakfast.
9. Shelby did not have cereal or tea.
10. Dylan did not have yogurt or coffee.
11. The person who had a melon did not have orange juice.
12. Nicholas did not have muffins.
13. The person who had a melon did not have apple juice.
14. Nicholas did not have orange juice.

Shelby had _____ for breakfast and drank _____.

Dylan had _____ for breakfast and drank _____.

Nicholas had _____ for breakfast and drank _____.

Jacob had _____ for breakfast and drank _____.

Name: _____

$19 + -10 = \underline{\quad}$

$19 - 10 = \underline{\quad}$

$8 + -2 = \underline{\quad}$

$8 - 2 = \underline{\quad}$

$10 - 1 = \underline{\quad}$

$10 + -1 = \underline{\quad}$

$11 - 4 = \underline{\quad}$

$11 + -4 = \underline{\quad}$

On a number line, what is the number that is 5 spaces right of -1?

$-11 + 13 = \underline{\quad}$

$4 - 3 - 2 = \underline{\quad}$

$6 - 9 = \underline{\quad}$

$-9 + 14 = \underline{\quad}$

What is the number that is 8 less than 4?

On a number line, what is the number that is 4 to the left of 2?

Rewrite $12 - 5$

Using numbers: -5 and 12

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

$7 - 16 = \underline{\quad}$

$7 + -1 = \underline{\quad}$

$7 - 1 = \underline{\quad}$

What is the number that is 8 less than 2?

Name: _____

$$\begin{array}{r} 70.4 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 3.06 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 10.04 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 0.06 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 3.31 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 8.67 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 2.76 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2.75 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 6.56 \\ \times \quad 2 \\ \hline \end{array}$$

$$\begin{array}{r} 7.65 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2.42 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8.63 \\ \times \quad 6 \\ \hline \end{array}$$

Can 913 be evenly divided by 3? Circle:
913 is evenly divisible by 3
913 is NOT evenly divisible by 3

$24 \div 2 = \underline{\quad}$

$5 \times 4 = \underline{\quad}$

$18 \div 3 = \underline{\quad}$

$40 \div 10 = \underline{\quad}$

$96 \div 12 = \underline{\quad}$



Name: _____

Can you guess the word?

No duplicate letters can be used.

A L T E R

The letter A is in the word
and is in the correct spot.

F **R** I E D

The letter R is in the word,
but R is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that
have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

E N T R Y

S P E N T

A B C D F G H I J K L M O Q U V
W X Z

□ □ □ □ □

Let's check if you guessed correctly. Look across or
down to find the correct answer.

T S E E V O N E J E J N E T X S T S P
S E P X S C G E S K T S E T T K S T N
Y E P O T O V G S T O N E S N E P Q P
A G F J S O S Q S J N S Q S N R E N E
E N T R Y O Q N S O E N O W T N N E P
O B F T Y C S Q R N S S Y S T S T N T
Q V N T O J T M O S N T T T E P N O S
P D Y A T W G T T T R Q E O T S P N P

Hint: There are no duplicate letters in the answer.

R **E** L A Y

S P **E** N D

O F T **E** N

B C G H I J K M Q U V W X Z

□ □ □ □ □

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

E E F O E E E Y D H N G M D E
T K D O S K O S T O E N P V T
S O O N F P F F B O E Q E D E
T N K J A T E T T S K E R K T
I F K E E N N N C E N K F O Y
K F F K N P E O D O N W E P T

Hint: There are no duplicate letters in the answer.

C R **U** E L

S **T** **U** M P

A B D F G H I J K N O Q V W X Y
Z

□ □ □ □ □

Let's check if you guessed correctly. Look diagonally
to find the correct answer. (DIAGONAL!)

M M U O U B U N P H F P U Y E C R D S
U G U H Q T U B T T I B U M X X U H B
Y M M U S T H S C T H T P T T T T B M
R H Q K S C U U T U K U I C U I U L H
R U M H T T R T M U H P U H C G A N O
T B R C T G R U U B M W R L H P R R I
P P U C T H T L E M V P T H T U T T T
U U U K M X T I E L B U D U J A U H B

Name: _____

Write in vertical form. Then multiply.

$$9 \times 0.25$$

$$0.6 \times 0.3$$

$$0.6 \times 0.7$$

$$\underline{\quad} + \underline{\quad} = 2.6$$

One of the blanks is 2.2. What number should go in the other blank?

$$\underline{\quad} + \underline{\quad} = 1.3$$

One of the blanks is 0.5. What number should go in the other blank?

$$\underline{\quad} \times \underline{\quad} = 0.4$$

One of the blanks is 0.5. What number should go in the other blank?

$$0.4 \div 0.5$$

$$86.02 \div 0.17$$

$$25.2 \div 0.18$$

$$\underline{\quad} \times \underline{\quad} = 0.08$$

One of the blanks is 0.2. What number should go in the other blank?

$$\underline{\quad} + \underline{\quad} = 1.1$$

One of the blanks is 0.4. What number should go in the other blank?

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

One of the blanks is 2.6. What number should go in the other blank?

Name: _____

Draw a line from START to END.

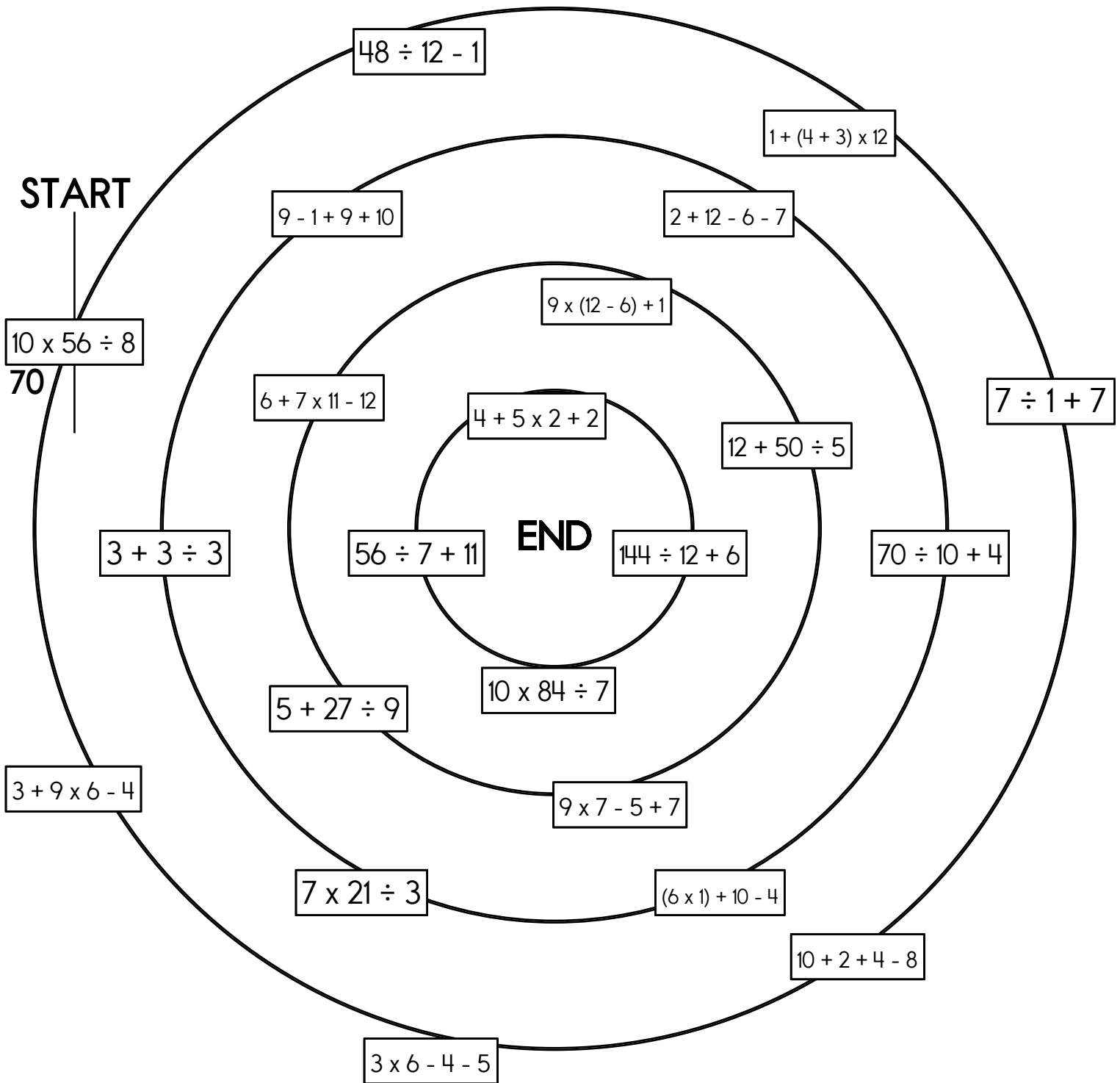
22

49

~~70~~

120

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



Name: _____

$$\begin{array}{r} 4 \\ - 3 \frac{5}{11} \\ \hline \end{array}$$

Change $\frac{348}{36}$ to a mixed number.

$$\begin{array}{r} 5 \frac{3}{8} \\ - \frac{5}{6} \\ \hline \end{array}$$

Write the decimal in words.
0.8

Write as a decimal.

$$5 \frac{1}{100}$$

Use >, <, or = to complete.

$$8.4 \text{ ___ } 7.7$$

$$4.6 \text{ ___ } 4.7$$

$$8.06 \text{ ___ } 8.17$$

$$0.13 \text{ ___ } 0.2$$

$$1.8 \text{ ___ } 1.5$$

$$6.4 \text{ ___ } 5.9$$

$$9.41 \text{ ___ } 9.33$$

What is the sum of 16.7 and 5.1?

$$\begin{array}{r} 18.5 \\ + 13.5 \\ \hline \end{array}$$

Find the difference between 21.7 and 7.4.

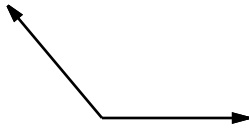
$$8 - 5 = \text{ ___ }$$

$$8 - 16 =$$

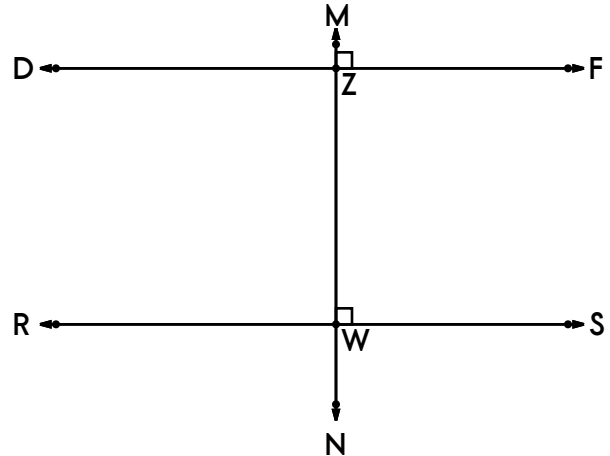
$$-4 + 11 = \text{ ___ }$$

$$8 + -5 = \text{ ___ }$$

Name: _____



What kind of angle is this?



Name 2 parallel lines (or write none).

Name 2 perpendicular lines (or write none).

Give another name for angle $\angle RWN$.

$$12 + n = 22$$

$$n - 8 = 29$$

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

Sketch an obtuse angle named $\angle GHI$.

Use a protractor to draw a 50° angle.

Sketch two parallel lines.

Name: _____

Change $\frac{1}{5}$ to a decimal.

$$5 \overline{) 26.5}$$

Change $\frac{1}{2}$ to a decimal.

$$-4 \times 9 =$$

$$-84 \div -7 =$$

$$12 + -5 =$$

$$\frac{12}{???} = 6$$

What is the missing number?

$$\frac{60}{N} = 10$$

What is the value of N?

$$36y = 1656$$

$$4n = 8$$

Write the ratio as a fraction in lowest terms.
28 dogs to 12 cats

$$\frac{4}{?} = \frac{44}{99}$$

Change to a decimal.
9%

Name: _____

Write as a decimal.

$$\frac{2}{100}$$

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

$$9.3 \text{ ___ } 8.9$$

$$7.7 \text{ ___ } 8.4$$

$$7.9 \text{ ___ } 7.6$$

$$6.0 \text{ ___ } 6.4$$

$$8.51 \text{ ___ } 8.83$$

$$0.69 \text{ ___ } 0.7$$

$$7.31 \text{ ___ } 7.13$$

Write as a decimal.

$$\frac{9}{10}$$

Change to a percent.

$$\frac{901}{100}$$

1 is what % of 16?

3 is what % of 4?

$$7 \overline{) 0.455}$$

$$7 \overline{) 37.8}$$

$$\begin{array}{r} 28.6 \\ \times 8.6 \\ \hline \end{array}$$

Name: _____

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

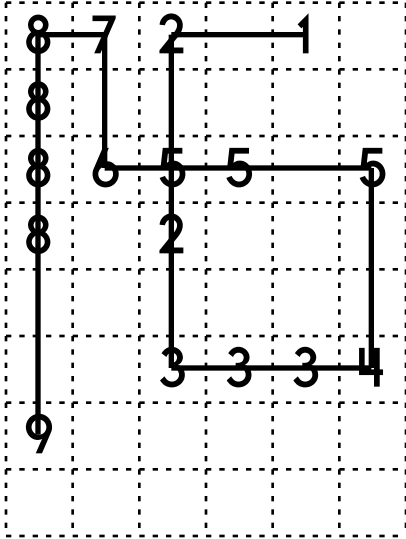
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!

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

Draw exactly 8 lines.

Start on 1.

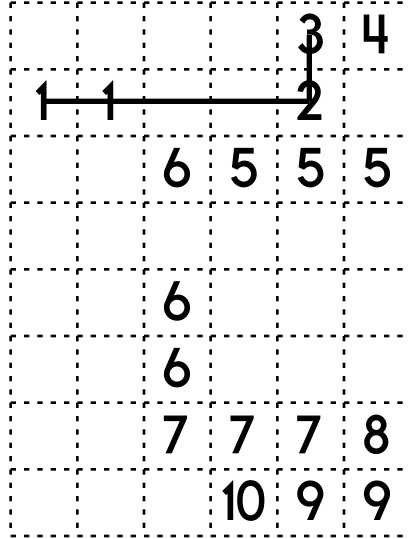
Do not pick up your pencil.



Draw exactly 9 lines.

Start on 1.

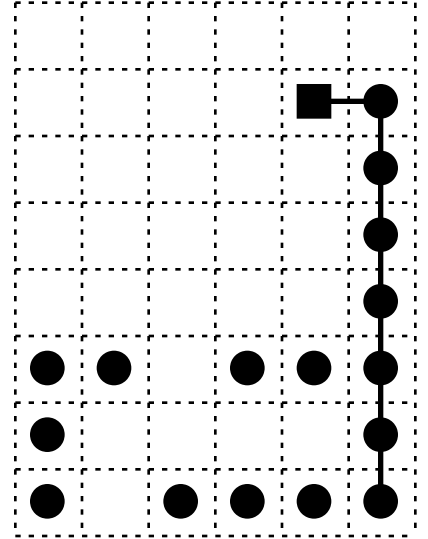
Do not pick up your pencil.



Draw exactly 5 lines.

Start on the square.

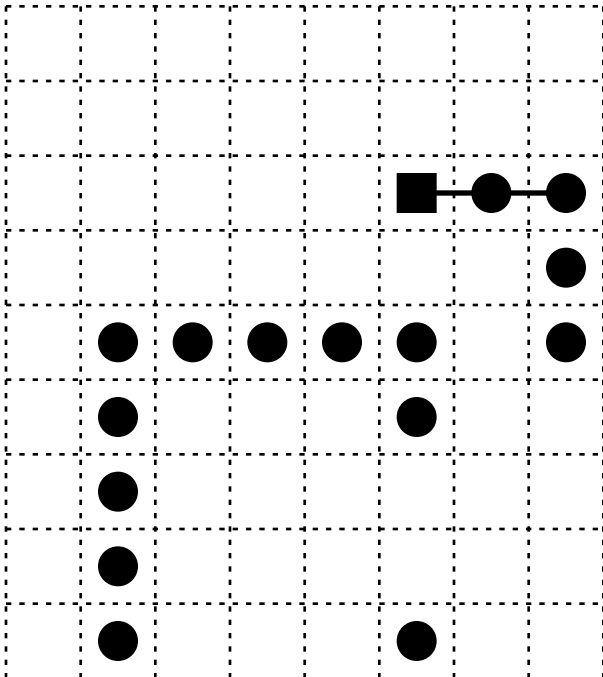
Do not pick up your pencil.



Draw exactly 6 lines.

Start on the square.

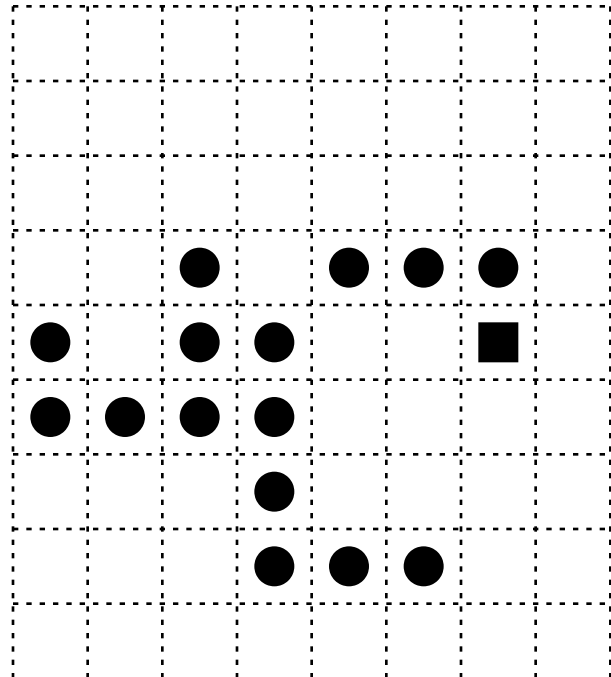
Do not pick up your pencil.



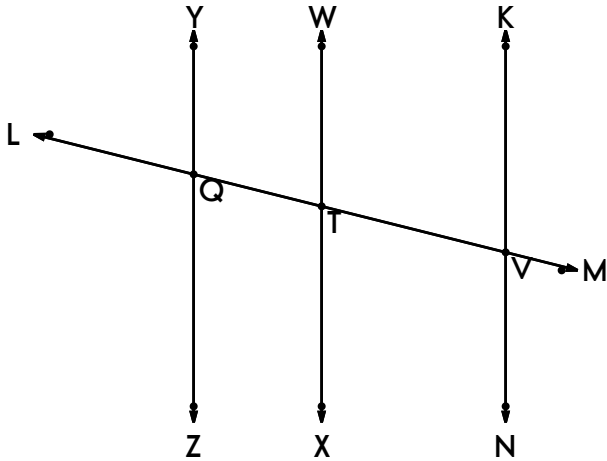
Draw exactly 8 lines.

Start on the square.

Do not pick up your pencil.

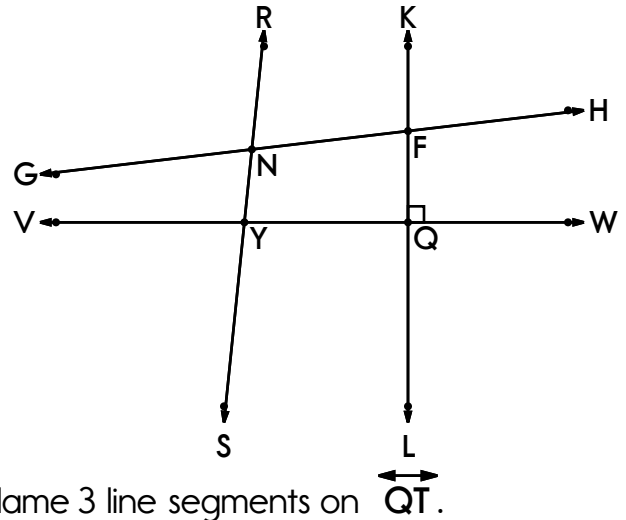


Name: _____

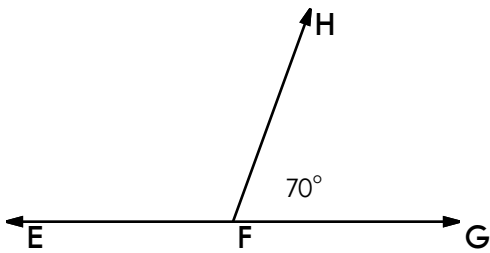


Name 2 angles with V as their vertex.

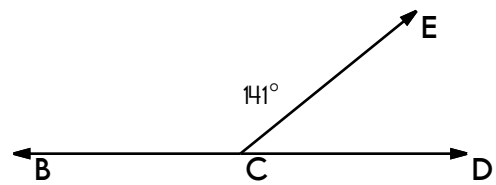
Name 2 rays.



Name 3 line segments on \overleftrightarrow{QT} .



What is the measure of $\angle EFH$?



What kind of angle is $\angle ECD$?

Use a protractor to draw an 85° angle.

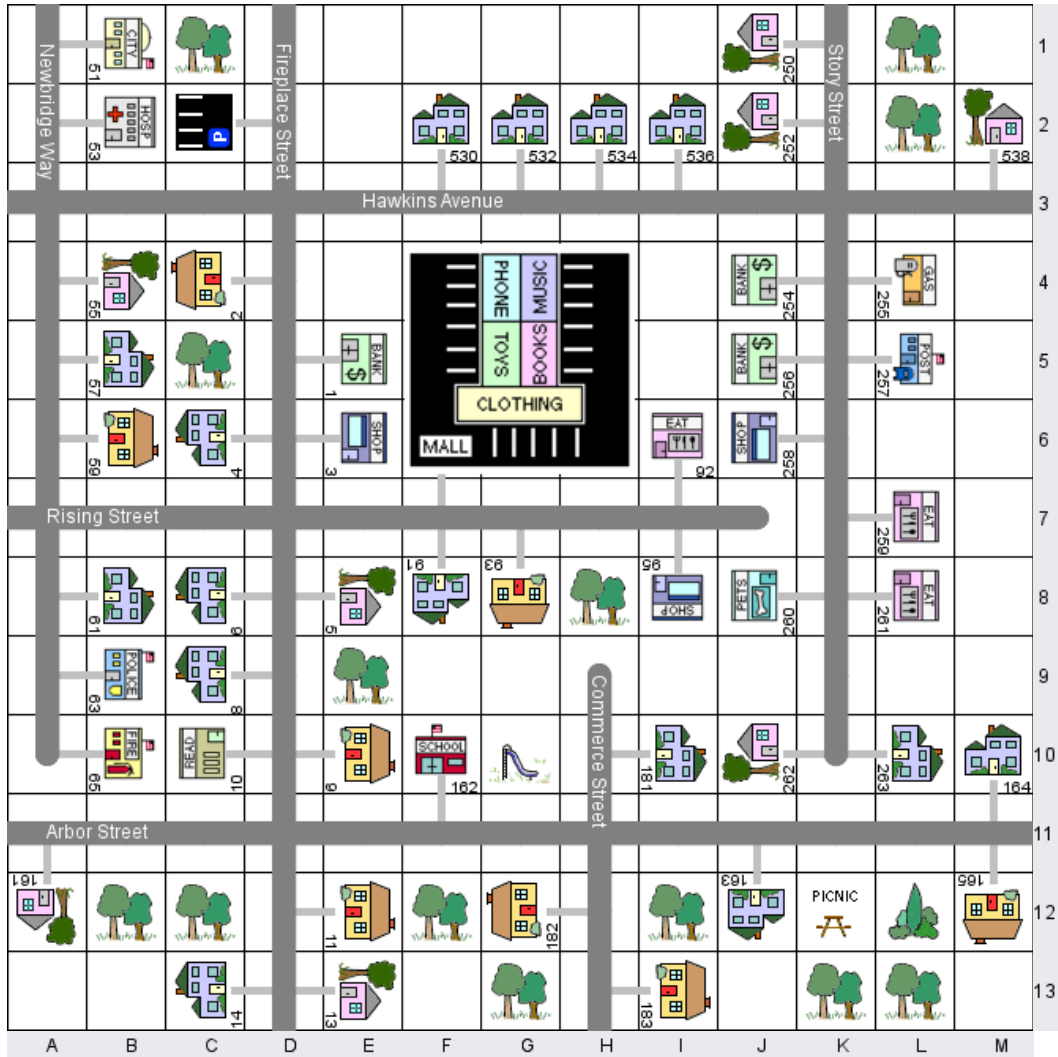
Sketch an acute angle named $\angle ABC$.

Use a protractor to draw a 175° angle.

Name: _____



= 120 feet



Circle the one at L,1.



Circle the one at C,13.



65 Newbridge Way



is at _____.

538 Hawkins Avenue



is at _____.

255 Story Street



is at _____.

1 Fireplace Street



is at _____.

252 Story Street





is at _____.



10 Fireplace Street





is at _____.

Name: _____

Write the total distance to go from the house at 163 Arbor Street  to the library at 10 Fireplace Street .

Write the total distance to go from the house at 536 Hawkins Avenue  to the house at 536 Hawkins Avenue .

Go _____ to drive from the house at 534 Hawkins Avenue  to the house at 538 Hawkins Avenue .

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



Newbridge Way is _____ of Story Street.

Fireplace Street is _____ of Newbridge Way.

Begin at the store at 258 Story Street. Walk the path to the road. Once you reach the road, you have already walked 85 feet. Go south on Story Street. Your final destination is on the east side of Story Street. You will have walked a total of 70 feet from your starting point (including the 85 feet path at the end of your walk). What is your final destination?

Fireplace Street is _____ of Commerce Street.

Fireplace Street is _____ of Story Street.

Go _____ to drive from the school at 162 Arbor Street  to the house at 163 Arbor Street .

Begin at the house at 534 Hawkins Avenue. Walk the path to the road. Once you reach the road, you have already walked 85 feet. Go west on Hawkins Avenue. Your final destination is on the north side of Hawkins Avenue. You will have walked a total of 64 feet from your starting point (including the 85 feet path at the end of your walk). What is your final destination?

Name: _____

What number is 550 less than 666?

$$\begin{array}{r} 843 \\ 237 \\ + 697 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ 975 \\ 705 \\ + 917 \\ \hline \end{array}$$

$$15n = 75$$

$$31n = 1426$$

$$\frac{N}{28} = 32$$

What is the number that is 8 less than 3?

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

$$3 - 2 - 2 =$$

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

What is the sum of 17.6 and 7.8?

$$\begin{array}{r} 0.57 \\ - 0.355 \\ \hline \end{array}$$

$$\begin{array}{r} 3.6 \\ 16.6 \\ + 7.4 \\ \hline \end{array}$$

Name: _____

Decimal	Fraction
0.7	$\frac{7}{10}$
0.23	
0.57	
	$\frac{79}{100}$

Fraction	Percentage
$\frac{30}{100}$	
	85%
$\frac{15}{100}$	
$\frac{70}{100}$	

Percentage	Decimal
80%	
	0.78
6%	
43%	
14%	
	0.02

Fraction	Decimal
$\frac{1}{10}$	
$\frac{12}{100}$	
	0.60
$\frac{45}{100}$	

Change $\frac{2}{4}$ to a decimal.

Find 9% of 80.

4,565 is how much more than 3,373?

Name: _____

Round 61,656 to the nearest hundred.

Write $\frac{10}{20}$ in lowest terms.

How many centimeters in 980.3 meters?

$$10 + 5 \div 1$$

Pick the family fact that is missing.

$$90 \div 15 = 6$$

$$6 \times 15 = 90$$

$$90 \div 6 = 15$$

How many centimeters in 2.5 meters?

45, _____, 81, 99, 117, 135,
153

38, 42, 49, _____, 72, 88,
107, 129, 154, 182, 213

O, M, N, _____, M, K, L,
J, K, I, J, H

Circle the three numbers whose product equals 546.

6 7 6

17 22 20

13 15 24

What is the greatest common factor of the numbers 128 and 144?

Rewrite as an algebraic expression or equation.

Add 2^4 to the product of d and 5

Name: _____

What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues.
Put the clues together and solve the mystery of what is in the box.

- A =tight
- C =lug
- D =sour
- E =suds
- F =title
- H =wealth
- I =gamble
- K =bandit
- M =wharf
- N =limb
- O =dye
- R =prance
- S =shelf
- T =porridge
- V =purse
- W =junker

Clue 1: clunker snug dance pier

 w a _____

Clue 2: tote tint bag foam dance ledge

Clue 3: riches foam snug tart

Clue 4: outlaw branch bet soup soup foam tart

Clue 5: name bet soup soup foam tart

What's in the Box? _____

$|-7| + p = 15$

p =

$7 \times 7 \times 7 \times 7 \times 7 = x^5$
What is the value of x?

$16.5363 \times 10^4 =$

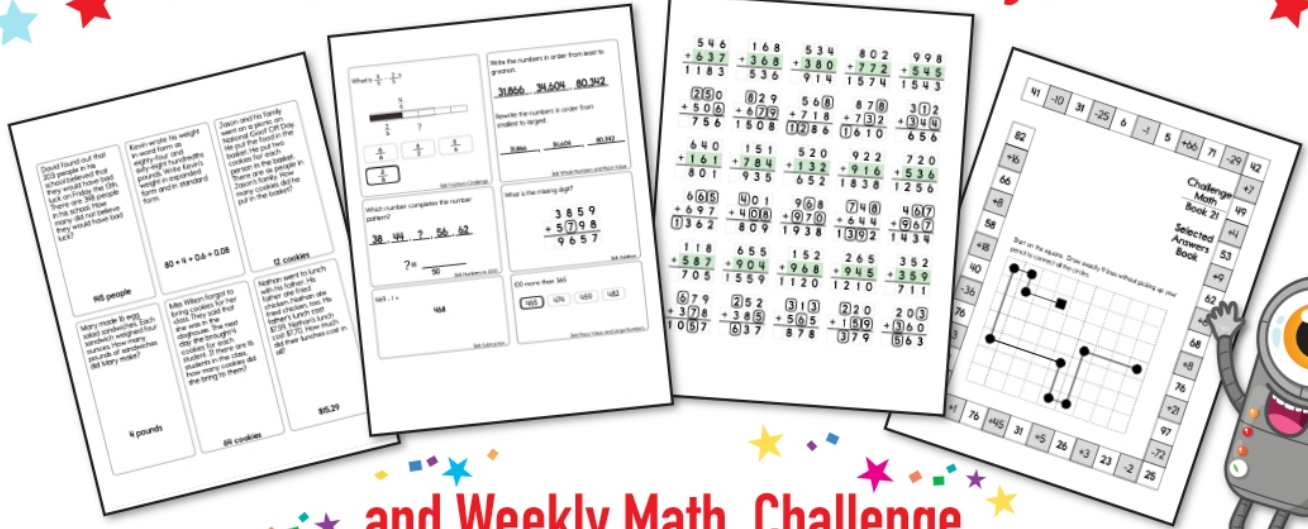
A circle graph has five sections. Only four sections are labeled. The labels are 17%, 11%, 25%, and 27%. What should the missing section be?

$(12 + 3 + 8 + 15) =$

Rewrite as an algebraic expression or equation.

Four thousand, nine hundred nine minus the product of n and 33.1.

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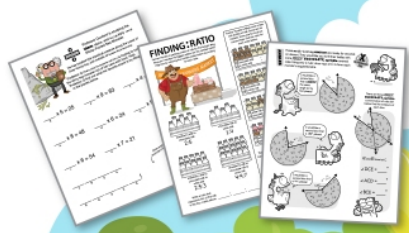


MATH
 1. $14 + 6 =$
 2. $33 - 8 =$
 3. $22 + 11 =$
 4. $59 - 2 =$
 5. $47 - 19 =$

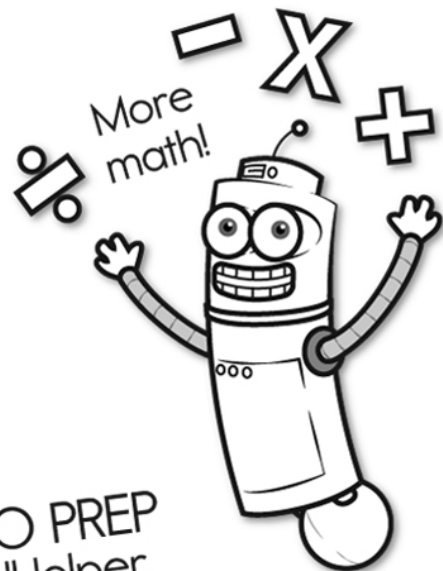
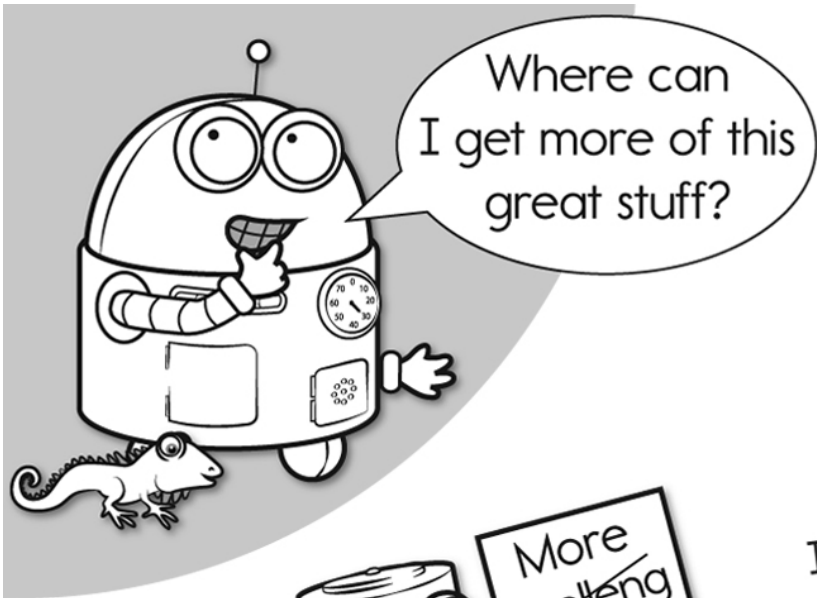


ANSWER KEY
 1. $14 + 6 = 20$
 2. $33 - 8 = 25$
 3. $22 + 11 = 33$
 4. $59 - 2 = 57$
 5. $47 - 19 = 28$

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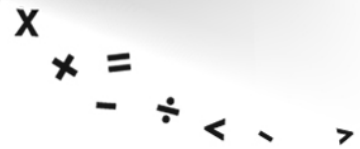
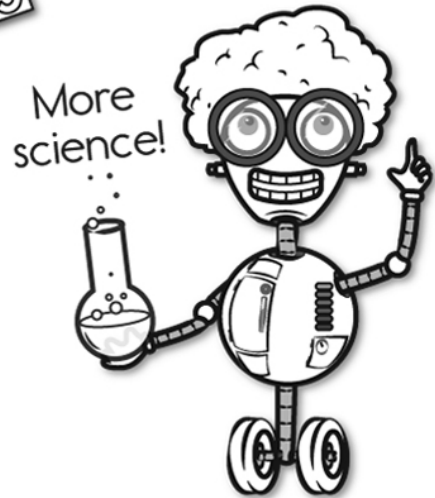
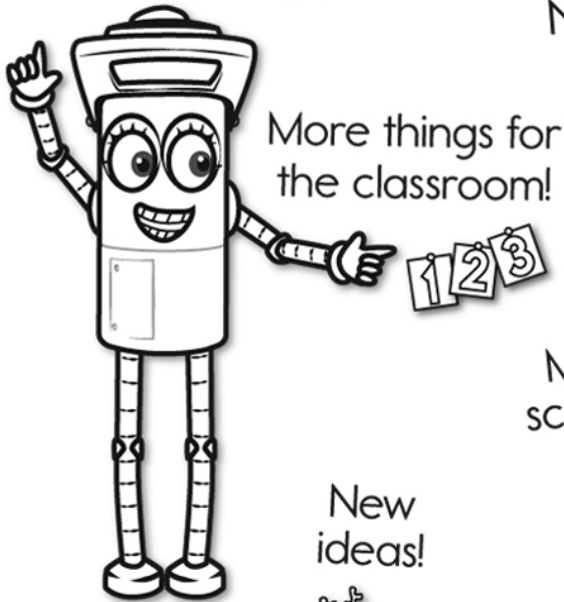


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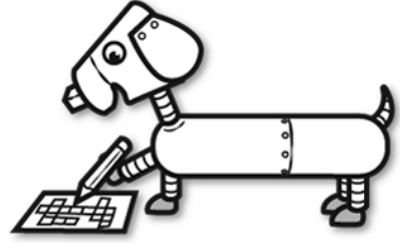


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