Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

Find the GCF using the Birthday Cake method.

The
Cake Method

5 | 35   55
    7   11

GCF: 5 = 5 _____

5 | 55   40

GCF: _____

3 | 24   18

GCF: _____

6 | 66   72

GCF: _____

4 | 28   32

GCF: _____

24   18

GCF: _____

40   24

GCF: _____

16   28

GCF: _____

32   40

GCF: _____

22   40

GCF: _____

36   26

GCF: _____

Name: _____

Spin again.   I needed to spin _____ time(s) to finish.

Find the GCF using the Birthday Cake method.

4 | 28   24   40
       7   6   10

GCF: 4 = 4

3 | 21   36   30

GCF: _____

5 | 40   30   55

GCF: _____

2 | 36   40   28

GCF: _____

56   64   112

GCF: _____

32   20   24

GCF: _____

80   48   56

GCF: _____

55   70   50

GCF: _____

Name: _____

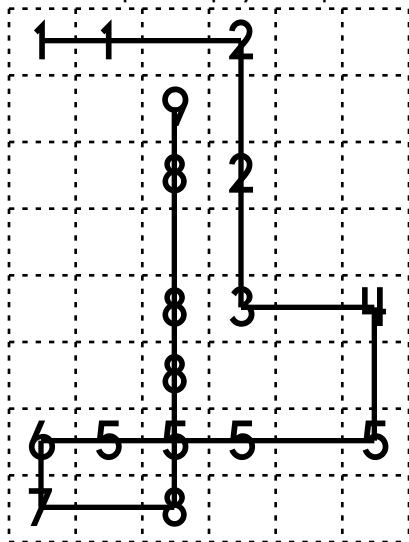Can you draw lines to cover every number or shape in the picture?
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot!
The first one is already done for you. Good luck.
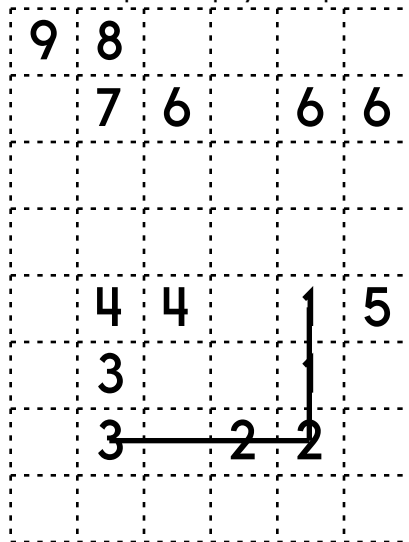
Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.
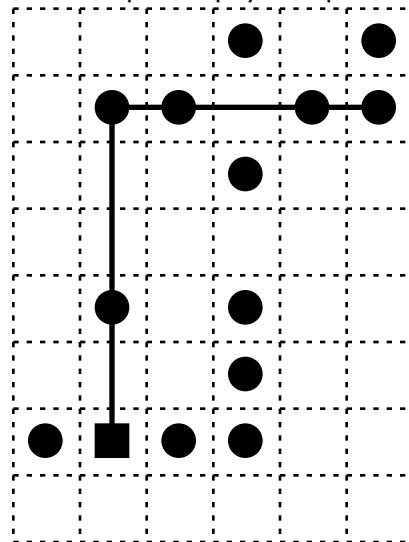
Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.
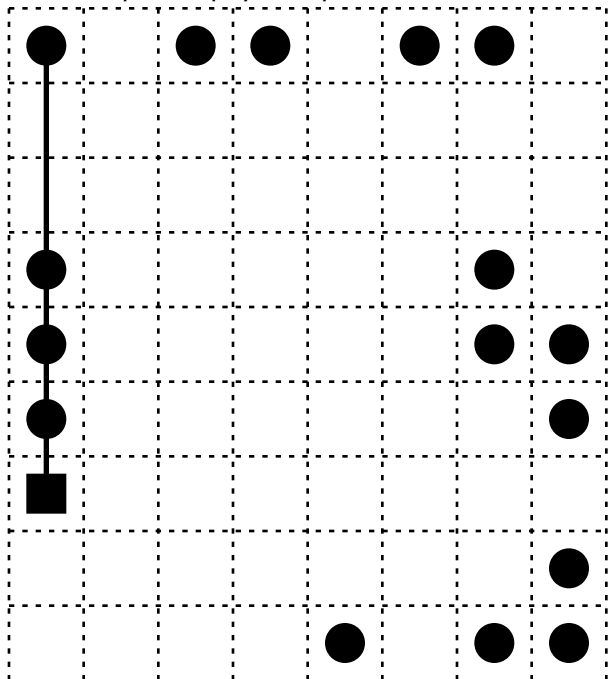
Draw exactly 6 lines.
Start on the square.
Do not pick up your pencil.
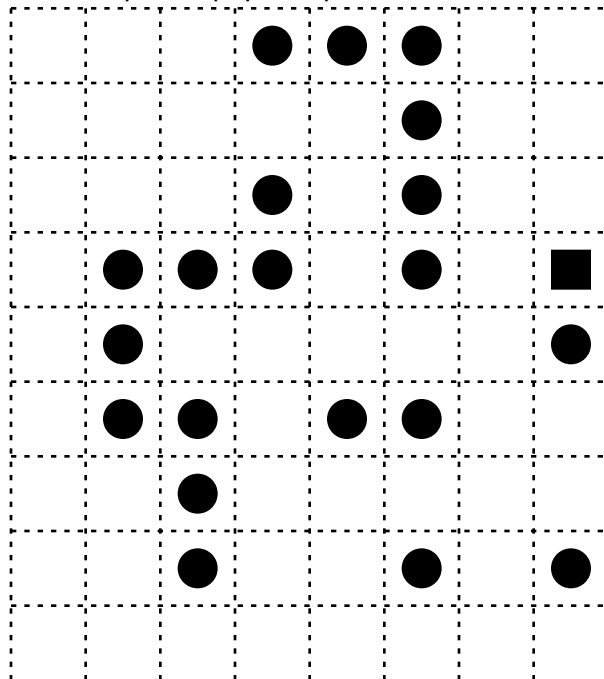
Draw exactly 6 lines.
Start on the square.
Do not pick up your pencil.

Draw exactly 9 lines.
Start on the square.
Do not pick up your pencil.

Name: _____

The Farmers' Market charges $4.05 for a jar of apple butter. The clerk multiplies the price by 1.06 to find the total cost including tax. Mrs. Rodriguez bought 3 jars of apple butter. How much change would she get from a twenty dollar bill?

Single movie tickets at Marina Theater are $6.75 each. A season ticket for ten movies costs $58.99. If Rosa buys a season ticket and attends ten movies, how much will she save?

Jenna likes to multiply a number by itself. Why? Nobody knows!

"If I take my favorite number and multiply it by itself, the product will be only 13 away from 49. Can you guess my favorite number?" asks Jenna.

Pam is binge watching Season 4 of her favorite series. Each episode is 1 hour and 26 minutes long. She just started watching and hopes to watch for 5 hours today. How many complete episodes will she be able to watch?

word root **re** can mean **again or back**   **recognition, reconstruction, remit**

Name: _____

Find the missing numbers. These both have the same rule. What is the rule?

If

   1 , 12 = 13

   2 , 15 = 17

   3 , 19 = 22

   4 , 24 = 28

Then

   5 , 27 = ?

If

   8 , 11 = 19

   9 , 16 = 25

   10 , 19 = 29

   11 , 21 = 32

Then

   12 , 24 = ?

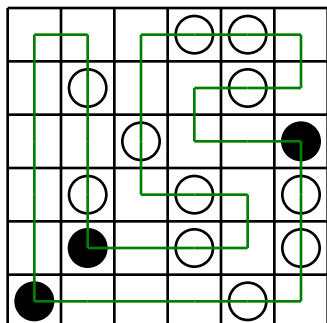Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

12, 17, 8, 37, 62, 107, 206, 375, 688, 1269, _____, _____, _____

6, 25, 7, 38, 70, 115, 223, 408, 746, 1377, _____, _____, _____

Name: _____

Maria made cards for National Compliment Day. The cards were pink, yellow, white, or green. She drew a flower, a butterfly, or a bee on each card. She made one of each possible combination. The materials cost $0.49 per card. How much did the cards cost Maria?

Mr. Anderson bought $2\frac{3}{4}$ pounds of ham to make sandwiches for Police Week lunch in the park. The ham cost $3.25. What was the cost of the ham per pound? (Round your answer off to the nearest cent.)

Jacob needed a new light bulb for his lamp. He could not read in the dark! He could buy 6 bulbs for $8.44. What was the cost of one bulb?

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

four hundred sixty-seven thousand, twenty-five

_____

1 lb = 16 oz

25 lb = _____ oz

$$\begin{array}{r} 3\ 0 \\ +\ 4\ 9 \\ \hline \end{array}$$

Can 915 be evenly divided by 5? Circle:

915 is evenly divisible by 5

915 is NOT evenly divisible by 5

Wendy was given four numbers: 14, 10, 7, and 11. She needs to use two of these numbers to make a fraction. Can she make a fraction that is greater than three-fourths?

Circle the correctly spelled words.
faim, fear, kept

word root **ex** can mean **out**   exit, exile

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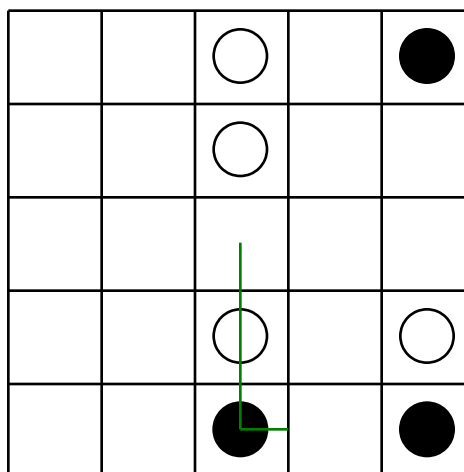You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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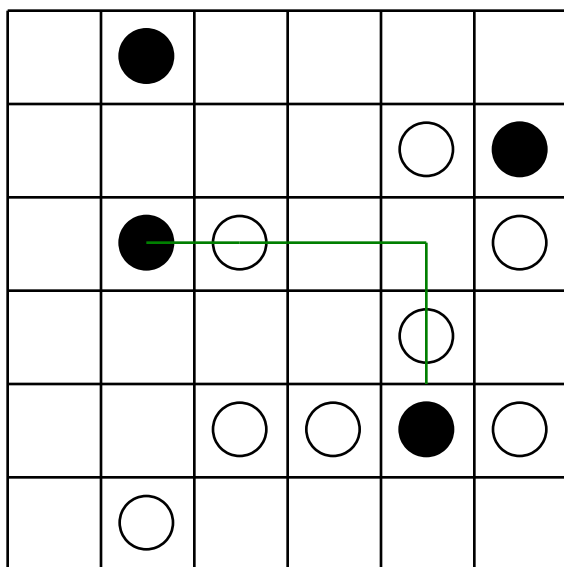
Finish the line: Finish the line:

Write the missing family fact.

45 + 15 = 60
15 + 45 = 60
60 - 15 = 45

_____

```
  8 6
- 4 6
```

27 kg = _____ g

Circle the addition property for 68 + 114 = 114 + 68.
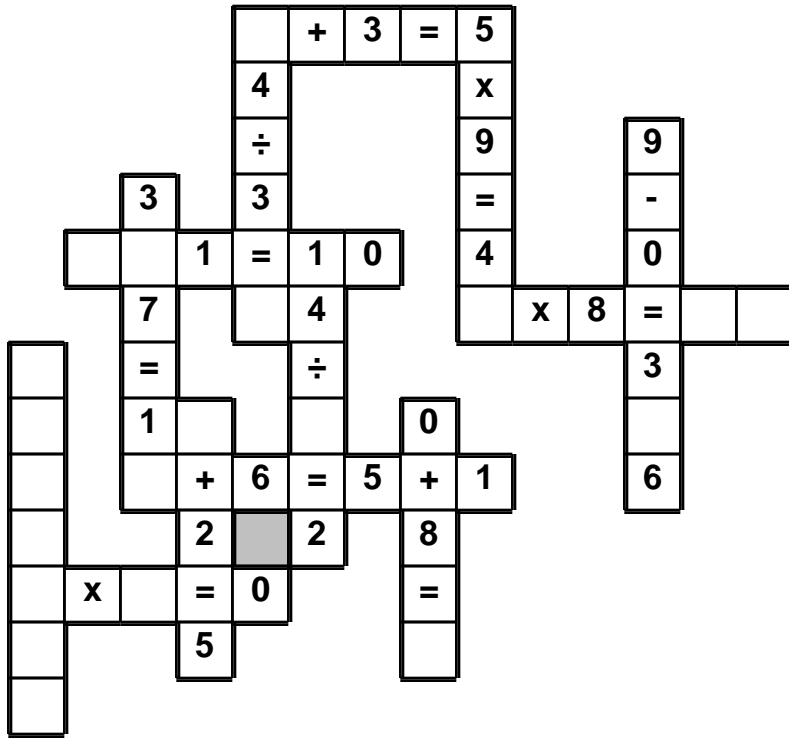
    commutative property

    associative property

How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.

```
  3 9 5
+ 3 4 1
```

word root **sed** can mean **sit**   **sedentary, sediment**

Name: _____

2 • 9 • + • 8 • 5 • 4 • 0 • 0 • + • 3 • 7 • + • 2 • 0 • + • 0
4 • = • 8 • 2

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

		+	3	=	5				
	4				x				
	÷				9		9		
3	3				=		-		
1	=	1	0		4		0		
7		4		x	8	=			
=		÷					3		
1			0						
+	6	=	5	+	1		6		
2		2	8						
x		=	0	=					
		5							

Six kids and two adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $66. How much is one kids ticket? How much is one adult ticket?

```
  3 9 3
- 1 0 7
```

How many inches are in 3 feet?

_____ inches

5 x 8 =
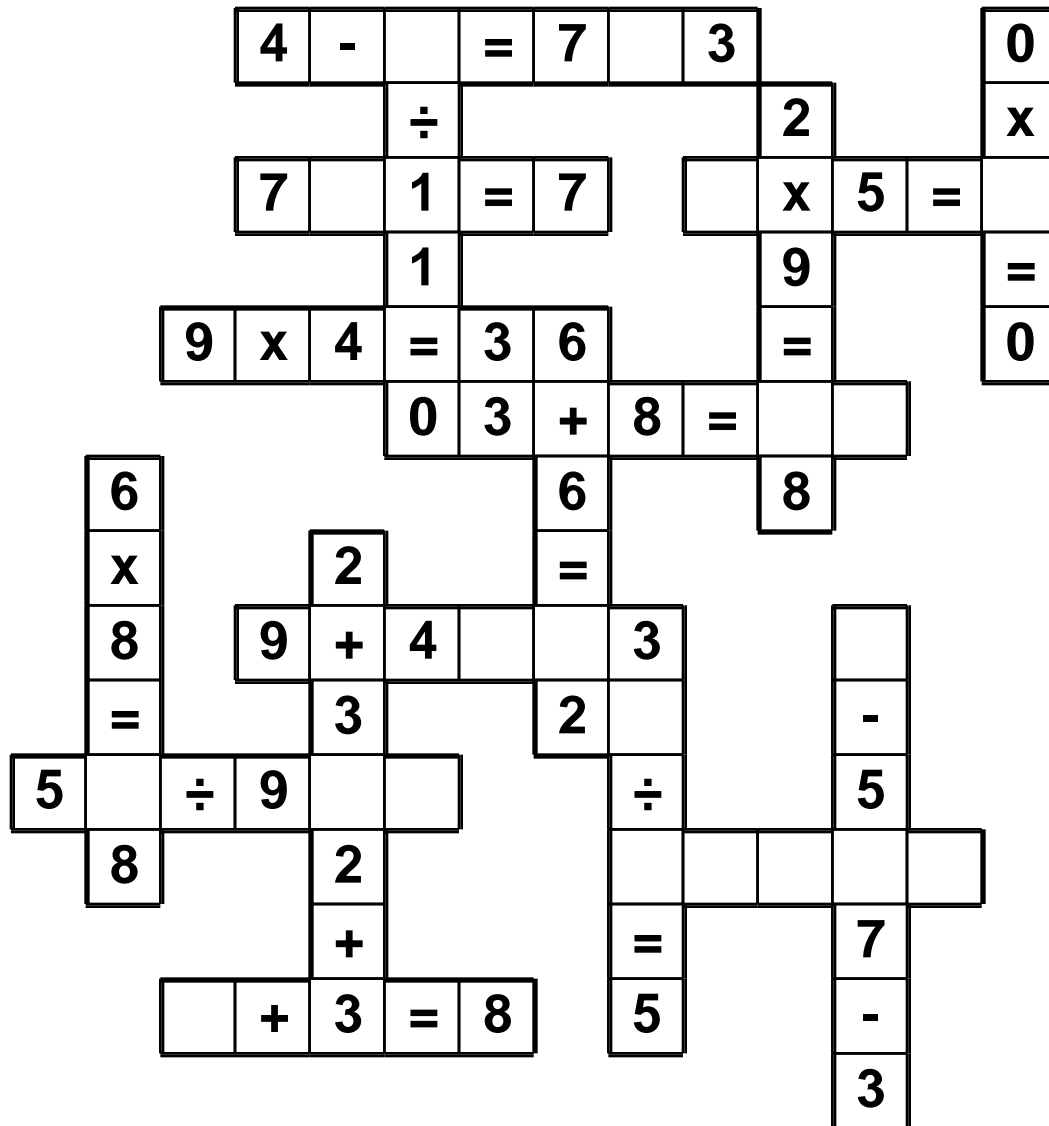
Add the correct end punctuation for this sentence.

Have you heard about the new principal our school is getting in the fall

Name: _____

```
0 • - • x • 0 • 0 • 1 • 1 • = • 1 • 9 • 5 • 4 • = • 6 • 7 • ÷ • 7
= • 1 • 5
```

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

4	-		=	7		3			0
	÷				2				x
7		1	=	7		x	5	=	
		1			9				=
9	x	4	=	3	6	=			0

0 3 + 8 =

6   6   8

x

8   2

9 + 4   3

=   3   2   -

5 ÷ 9   ÷   5

8   2

+   =   7

+ 3 = 8   5   -

3

Write an equation to represent this:

The product of twelve and five is sixty.

_____

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

_____

60 ÷ 12 =

8 x 12 =

Add the correct end punctuation for this sentence.
Please get me the remote control

Name: _____

y - 10 = 12	What is the greatest common factor of 9 and 3?	What is the least common multiple of 8 and 10?
What is the greatest common factor of 6 and 10?	6 + n = 17	What is the greatest common factor of 6, 39, and 30?
What is the greatest common factor of 15 and 20?	What is the least common multiple of 10 and 8?	What is the least common multiple of 10 and 16?
On a number line, what is the number that is 5 to the left of 2?	6 - 10 =	6 - 8 =
14 + -9 = ____ 14 - 9 = ____	8 - 3 = ____ 8 + -3 = ____	Rewrite 16 - 9 ____ + ____ = ____

Name: _____

Problem 1:
$$\bigcirc = 9\frac{1}{2} + 9\frac{1}{2}$$

Problem 2:
$$\frac{4}{5} = \frac{1}{2} + \bigcirc$$

Problem 3:
$$\bigcirc = \frac{1}{2} + \frac{4}{7}$$

Problem 4:
$$\frac{5}{8} = \bigcirc + \frac{1}{8}$$

Problem 5:
$$1\frac{1}{6} = \bigcirc + \frac{2}{3}$$

Problem 6:
$$\frac{2}{3} = \frac{1}{6} + \bigcirc$$

Problem 7:
$$\bigcirc = \frac{1}{3} + \frac{1}{2}$$

Problem 8:
$$\bigcirc = \frac{9}{10} + \frac{1}{2}$$

Name: _____

Hunter and his father left for the butterfly garden at 9:41 a.m. They had lunch and went to the garden. They arrived back home at 2:08 p.m. How long were they gone?

A rectangular sign advertising the Life Evaluation Conference was put up near the conference hotel. It had a length of 26 feet and a perimeter of 107 feet. What was the sign's width?

Jessica is looking for a good outside game to play at her birthday party. She bought a book of backyard games from the bookstore near her house. The price of the book was $6.77. If she paid for it with a $10-dollar bill, how much change did she get?

Last year Mr. Clark planted corn on 4.5 acres of his farm. His neighbor planted 3.5 times as many acres of corn. How many acres of corn did Mr. Clark's neighbor plant?

For 9,190,145,696,911,401, write the digit that is in the hundred thousands place.

_____

$35 \div 7 =$

Circle the correctly spelled word.

I don't mind gym class, but I really don't like how (thirsty/thirstie) it makes me!

In the number 971,639,518,739, the digit 8 is in what place?

_____

Name: _____

How many tens are in the number 37,000?	Is 15 a composite or a prime number?	Write the number that is one thousand more than 4,947.
Write a 3-digit odd number.	You have a playdate in 240 minutes. How many hours is that?	Is 545 closer to 500 or 600?
Mary has 20 cookies. She and her 4 friends shared them equally. How many cookies did Mary keep?	Round 9,305 to the nearest thousand.	Estimate quickly the difference. 5,520 - 2,390

P, I, O, _____, N, E,

M, C, L, A

Write the missing family fact.

4 x 14 = 56

56 ÷ 4 = 14

56 ÷ 14 = 4

120, 132, 144, 156, 168,

180, _____, 204, 216,

228

What 6 coins add up to 61 cents?	$5 \div \dfrac{1}{7}$	How many centimeters in 2.4 meters?

Name: _____

6 pearls = $\frac{1}{8}$ of a heart

_____ pearls = $\frac{1}{4}$ of a heart

What is $\frac{2}{3}$ of 54? Show your work.

Name: _____

2 is 100,000 times greater than 0.00002

0.009 is _____ times _____ than 90

12,000 is _____ times _____ than 0.012

540,000 is _____ times _____ than 0.54

8,800,000 is _____ times _____ than 0.0088

Erin needs to make 30 sugar cookies for a big party, but her favorite recipe is only for 10 cookies. The recipe calls for $1\frac{3}{4}$ cups of sugar. How much sugar will she need to use?

Name: _____

Color Squares Puzzle
Color in the number of consecutive boxes in each row and column. Double check when you are done!

		A 10	B 10	C 10	D 10	E 10	F 5	G 5	H 3	I 2	J 2	K 2	L 2	M 2	N 1	O 1
P	5															
Q	5	■	■	■	■	■										
R	5															
S	5															
T	5															
U	8															
V	15															
W	13															
X	7															
Y	7	■	■	■	■	■	■	■								

CLUE A: Color in all the boxes in this column.
CLUE B: Color in all the boxes in this column.
CLUE C: Color in all the boxes in this column.
CLUE D: Color in all the boxes in this column.
CLUE E: Color in all the boxes in this column.
CLUE F: Color in 5 consecutive boxes.
CLUE G: Color in 5 consecutive boxes.
CLUE H: Color in 3 consecutive boxes.
CLUE I: Color in 2 consecutive boxes.
CLUE J: Color in 2 consecutive boxes.
CLUE K: Color in 2 consecutive boxes.
CLUE L: Color in 2 consecutive boxes.
CLUE M: Color in 2 consecutive boxes.
CLUE N: Color in 1 box.
CLUE O: Color in 1 box.

CLUE P: Color in 5 consecutive boxes.
CLUE Q: Color in 5 consecutive boxes.
CLUE R: Color in 5 consecutive boxes.
CLUE S: Color in 5 consecutive boxes.
CLUE T: Color in 5 consecutive boxes.
CLUE U: Color in 8 consecutive boxes.
CLUE V: Color in 15 consecutive boxes.
CLUE W: Color in 13 consecutive boxes.
CLUE X: Color in 7 consecutive boxes.
CLUE Y: Color in 7 consecutive boxes.

Don't forget to double check when you are done!

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

```
G N G T P L A N T A T I O N S
O U L U P M E H U R L E D M P
O T I G O R O A S T S E A O O
D H M C U   B L U E G O T C C
N A P U N A L T H O U G H K K
E P S R D A U D I T I O N S E
S P E L W I L D E R N E S S T
S Y G U A R A N T E E I N G S
```

Write the words found.

POCKETS _____   PLANTATIONS _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.

RECORD _____   GRINS _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____

Name: _____

Select the word or phrase whose meaning is closest to the given word.

MONOTONY

marriage
tedium
energizing
enervating
commitment

GLOWER

scowl
grimace
smirk
fret
smile

PLAUSIBLE

incredulous
believable
creative
incredible
healthy

DEPLORE

query
enamor
instill
heal
detest

FIASCO

annual event
debacle
success
music genre
pet food

COVET

spurn
relish
retain
copy
forecast

VINDICTIVE

prove right
cruel
grow
corrupt
win

CRUX

assistance
armor
key idea
chicken bone
crossroads

NADIR

environmental
zenith
lowest point
flat
rugged

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

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

Name: _____

Write the final part of each math analogy.

KGKKGKKGKKGKKGK____ : K :: FFQFFQFFQFFQFFQ____ : _____

Explain why you think your answer is correct.

C + 11 = 21 : 10 :: S + 14 = 27 : _____

Explain why you think your answer is correct.

25, 29 : 33, 37, 41, 45 :: 49, 53 : _____

Explain why you think your answer is correct.

one : first :: nine : _____
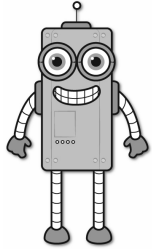
Explain why you think your answer is correct.

third, fifth, seventh, ninth, ____ : eleventh :: second, fourth, sixth, eighth, ____ : _____

Explain why you think your answer is correct.

88 + 63 : odd :: 78 + 18 : _____

Explain why you think your answer is correct.
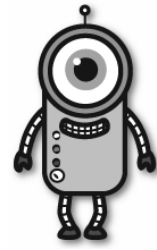
Name: _____
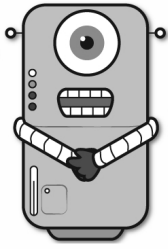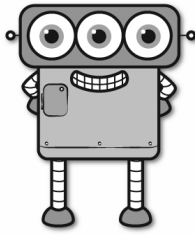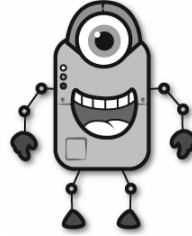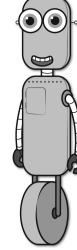
Rose   Max   Eric   Emily   Maria   Hannah

Facts

Eric is sixty-three years older than Max.

Rose is two years old.

Emily is forty-six years older than Rose.

Max is fourteen years older than Rose.

Hannah is twice as old as Rose.

Maria is twenty-nine years older than Emily.

How old is Rose? _____

How old is Max? _____

How old is Eric? _____

How old is Emily? _____

How old is Maria? _____

How old is Hannah? _____

Circle the digit in the tenths place.

911.566

(7 + 8) + 3 =

Circle the correctly spelled words.
tootbrush, tryed, unload
targit, yeer, sidewalk
sentury, sheet, judge