



Name: _____

Get a fidget spinner! Spin it.

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

Find the GCF using the Birthday Cake method.



2	14 20 7 10	GCF: $2 = 2$	2	22 12	GCF: _____			
4	80 160	GCF: _____	2	10 22	GCF: _____	4	24 40	GCF: _____
	54 72	GCF: _____		45 35	GCF: _____		44 60	GCF: _____
	156 204	GCF: _____		36 30	GCF: _____			



Name: _____

Spin again.

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

Find the GCF using the Birthday Cake method.

5 150 275 300 5 30 55 60 6 11 12 GCF: $5 \times 5 = 25$	2 72 42 48 3 36 21 24 GCF: _____
2 18 16 22 GCF: _____	9 144 198 126 GCF: _____
72 44 76 GCF: _____	85 65 45 GCF: _____
56 32 64 GCF: _____	60 24 36 GCF: _____

Name: _____

Write each as a decimal.

6 hundredths as a decimal is _____

$10 \frac{9}{10}$ as a decimal is _____

86% as a decimal is _____

94.4% as a decimal is _____

Round 9,409 to the nearest thousand.

How many minutes is it from 6:00 a.m. to 10:55 a.m.?

Write the missing family fact.

$$4 \times 15 = 60$$

$$60 \div 15 = 4$$

$$60 \div 4 = 15$$

It was 7 degrees below zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?

The radius of a circle is 543 cm. What is the diameter of this circle?

What is 50% of 1,338?

$$7 \times 3 = \underline{\hspace{2cm}}$$

$$8 \text{ km} = \underline{\hspace{2cm}} \text{ m}$$

$$36 \div 9 = \underline{\hspace{2cm}}$$



Name: _____

In each group, circle the number that has the greatest value, and put a square around the number that has the least value.

9^1

9^3

9^4

7^1

7^4

7^5

$9 + y = 27$

What is the least common multiple of 2, 15, and 23?

What is the least common multiple of 11 and 5?

What 6 coins add up to 52 cents?

It was 76 degrees outside. What would the temperature be if it got 29 degrees colder?

Round 64,482 to the nearest hundred.

Anna rolls a die. What is the chance of her rolling a 4?

$1 \text{ kg} = 1,000 \text{ g}$

$14 \text{ kg} = \text{_____ g}$

$12 \div 3 = \text{_____}$

Name: _____

<p>The Dressed Up Pet Parade began at 2:42 p.m. The parade was over fifty minutes later. What time did the parade end?</p>	<p>Holly walked to the store in 15.3 minutes. She bought Band-Aids for \$0.55, gauze for \$1.29, and suntan lotion for \$2.89. She gave the clerk a \$10 bill. She left the store at 3:45 a.m. It took her 20.6 minutes to walk home. How much longer did it take her to walk home than it took to walk to the store?</p>	<p>Miss Walker is going to six Mardi Gras parties. She bought a different feather mask for each party. The costs were \$13.87, \$5.78, \$10.81, \$14.94, \$15.99, and \$9.75. What is the average cost of the masks?</p>
--	---	--

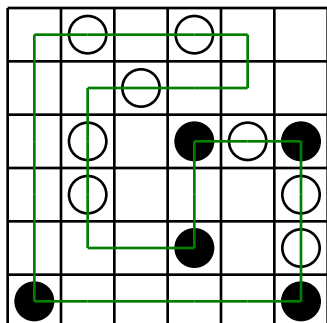
<p>How many dimes make \$2.60?</p>	<p>Rewrite these in increasing order of length: 744 m, 369 km, 241 dm, 3 mm, 36 cm</p>
------------------------------------	--

$\begin{array}{r} 957 \\ - 943 \\ \hline \end{array}$	<p>Can 553 be evenly divided by 8? Circle: 553 is evenly divisible by 8 553 is NOT evenly divisible by 8</p>	$\begin{array}{r} 60 \\ - 11 \\ \hline \end{array}$
---	--	---



4,731 - 1,736 = _____

Name: _____

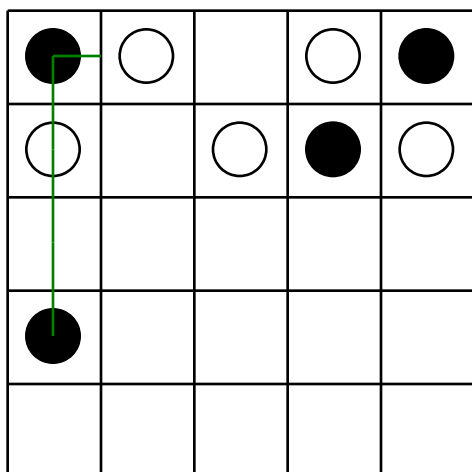


Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

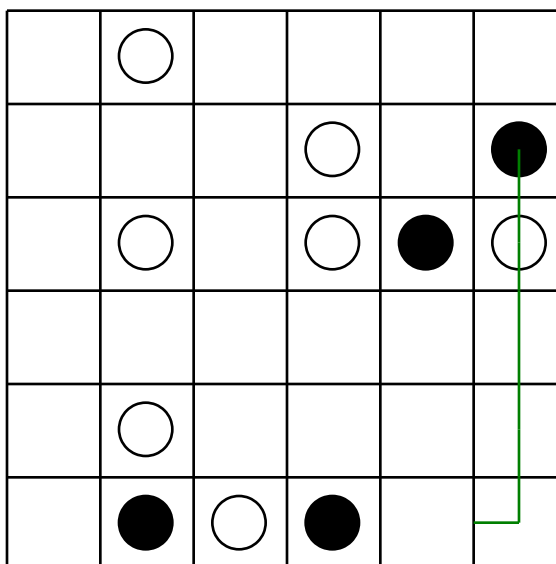
You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

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

Finish the line:



Finish the line:



Write 7,960,155 in words.

$$88 \div 8 = \underline{\hspace{2cm}}$$

How many centimeters are in 90 millimeters?

_____ centimeters

Six-sevenths of the children in Robinson's class want to go outside. If Robinson agrees with the majority, will the class stay inside or go outside?

$$\begin{array}{r} 329 \\ + 453 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ + 22 \\ \hline \end{array}$$

Circle the greatest number:

73,168

308,914

672,524,509

25,970,684,319

$$36 \div 9 = \underline{\hspace{2cm}}$$

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

Name: _____

3 • ÷ • 4 • 7 • 8 • 9 • 3 • 8 • 4 • 9 • + • 1 • 1 • 1 • + • 6 • +
2 • = • 8

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

9 x 4 = 6

3
6

9
=
4

9 x 0 = 0

0
8 x 6 = 4

2 ÷ = 6

3 x 8 = 2

3 x 0 = 7

9
9 = 0

6
2 5 + 0 = 7

1
5

+

3
=
6

+

0

+

5

+

5

=

7

-

8 x 3 = _____

For 607,273,685, write the digit that is in the hundred thousands place.

132 ÷ 11 = _____

Circle the digit in the tenths place.

85.994

8,791 - 1,671 = _____

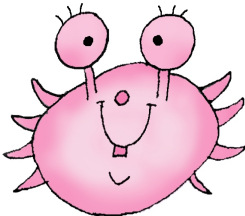
7 x 10 = _____

5 x 11 = _____

11 x 12 = _____

8 x 7 = _____

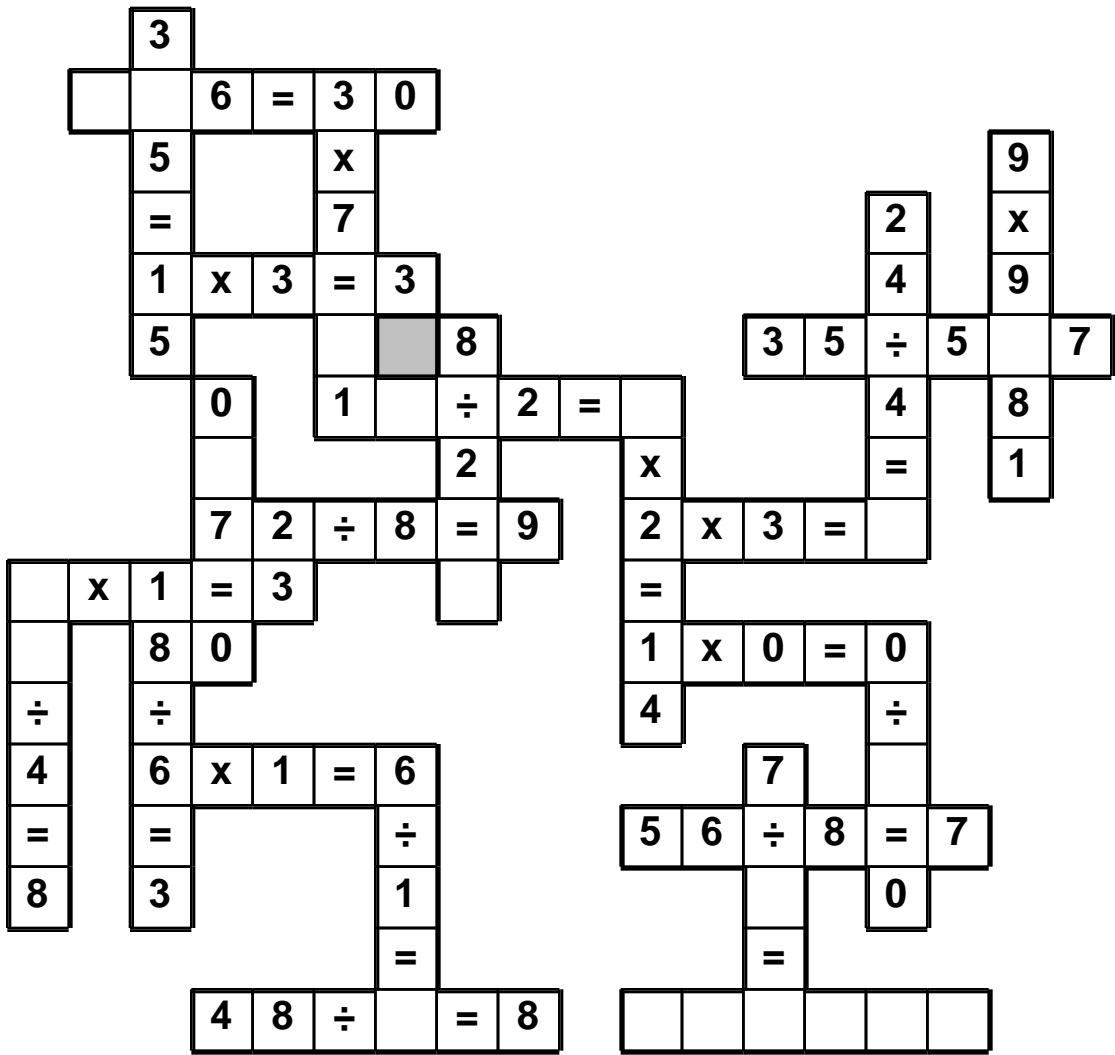
12 ÷ 3 = _____



Name: _____

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

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



Write an equation to represent this:
The sum of eight and eleven is nineteen.

10 x 5 = _____

7 x 10 = _____

746 + 823 = _____

(3 + 7) + 3 = _____

Name: _____

There are five objects (a white object, a navy object, a pink object, a yellow object, and a purple object). Each object has a different mass (55.1 g, 57.9 g, 71.7 g, 51.5 g, and 39.2 g) and a different volume (37.3 cubic cm, 143.4 cubic cm, 42.9 cubic cm, 68.7 cubic cm, and 19.7 cubic cm).

Density = Mass / Volume

Figure out the mass, volume, and density of each object.

1. The volume of the white object is not 68.7 cubic cm and it is also not 19.7 cubic cm.
2. The density of water is 1.0 grams per cubic cm. If the pink object was placed in water, it would sink.
3. The yellow object has a volume of 42.9 cubic cm and a mass of 57.9 g.
4. The density of aluminum is 2.7 grams per cubic cm. The purple object is more dense than aluminum.
5. The white object has a greater mass than the pink object.
6. The white object has a density of 0.5 grams per cubic cm and a mass of 71.7 g.
7. The navy object has a density of 0.75 grams per cubic cm and a mass of 51.5 g.
8. One object has a volume of 37.3 cubic cm and a density of 1.051 grams per cubic cm.
9. The volume of the navy object is not 19.7 cubic cm and it is also not 143.4 cubic cm.
10. The density of water is 1.0 grams per cubic cm. If the navy object was placed in water, it would float.

white object has a mass of _____, a volume of _____, and a density of _____.

navy object has a mass of _____, a volume of _____, and a density of _____.

pink object has a mass of _____, a volume of _____, and a density of _____.

yellow object has a mass of _____, a volume of _____, and a density of _____.

purple object has a mass of _____, a volume of _____, and a density of _____.

99,931 - 71,232 = _____

10 x 5 = _____

40 ÷ 5 = _____

Name: _____

Jessica and Wendy each have a soccer game at 8 a.m. on different fields. Jessica's soccer field is 109 yards long. Wendy's soccer field is 361 feet long. Which field is longer and by how much?

I am a 2-digit number that is divisible by 2 and 6. If you add my digits together, the sum is 12. What number am I?

Name: _____

Adam took a big bowl from the kitchen to see what kind of fun party mix he could create.

He added $2\frac{3}{5}$ cups of Cheerios, $1\frac{1}{7}$ cups of raisins, $1\frac{1}{3}$ cups of Goldfish crackers, and $\frac{2}{3}$ cup of pretzels. How much food is now in the bowl?

If $c = 3$ and $t = -8$ then
what is $c^2 \times t^2$?

$$7 + (64 \div 8) - 28 \div 4 =$$

$6 \times 6 \times 6 \times 6 \times 6 = 6^x$
What is the value of x ?

April climbed 12 meters in only 25.5 seconds. How many meters did she climb per second?

A circle graph has five sections. Only four sections are labeled. The labels are 24%, 23%, 13%, and 8%. What should the missing section be?

Rewrite as an algebraic expression or equation.

Add d to the product of 11 and 6

Name: _____

Fill in the missing numbers.

Only rule - The same number CAN NOT be next to each other, in ANY direction.

Dark lines surround a block. Numbers to use in a block:

A block with 1 space has to be the number 1.

A block with 2 spaces must have the numbers 1 and 2.

A block with 3 spaces must have the numbers 1, 2, and 3.

A block with 4 spaces must have the numbers 1, 2, 3, and 4.

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

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

3 1 5 2 4

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

An entire block with 5 spaces is blank. Since the block is 5 spaces it uses the numbers 1-5.

5 2 1 4 3

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

Hint - These numbers are missing:

2 2 4 1 2 1 4 2 1

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

Hint - These numbers are missing:

1 1 2 2 2 2 5 3 4

Name: _____

Each row, column, and box must have the numbers 1 through 6.

	5	1			
2				3	
					6
	1			5	
4			6	1	2

Each row, column, and box must have the numbers 1 through 6.

		2		3	
1		4	5		
2					6
5			3	4	



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

[illegible]

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

[illegible]

Name: _____

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

COVET

spurn
forecast
retain
copy
relish

BUCOLIC

urban
complementary
populated
rustic
aged

EXPEDITE

outweigh
run out
forget
speed up
eject

VOLATILE

unstable
serene
incipient
trembling
vicarious

IGNITE

evening party
construct
spark
snuff out
relax

FIASCO

annual event
pet food
debacle
success
music genre

PRISTINE

snowy
pure
artful
creative
chilled

BANISH

settle
cast out
return
accrue
clean up

LURID

clear
rabid
graphic
drastic
seductive

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

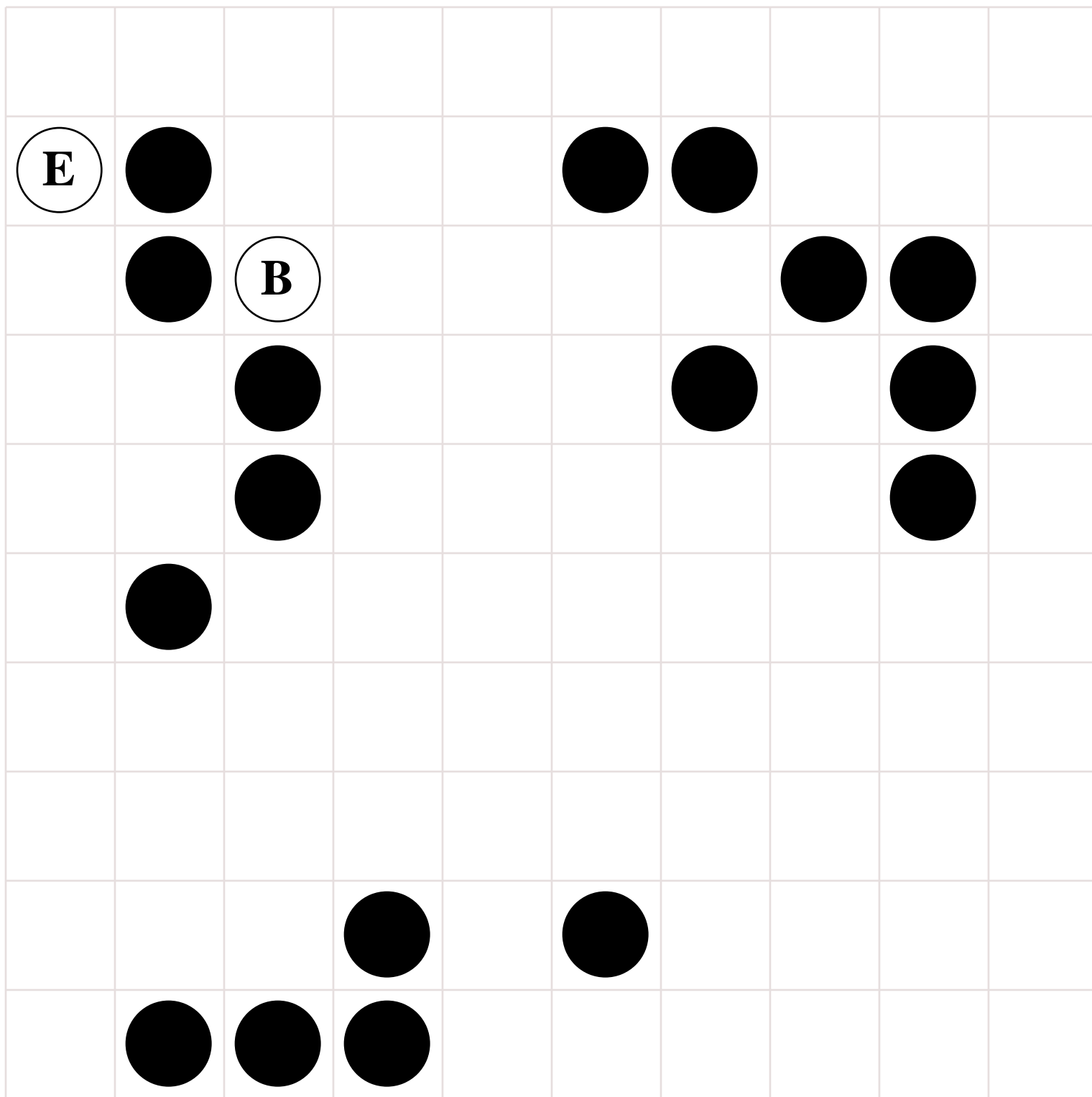
R C E T I N G I L I T C N K U A N L R I S A B E P N E P N E S E U D
N U I A C R R O O E D A C V O L A T I L E P N E U P R T S O O L A A
I F R T E X C X U L S L P F B R R C C E I O E B R L H H R F S E L I
I R I I S O T E L C U N S T A B L E E I N X T E E I R T E E D E O I
R E O A I U S I E A A S I U C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

Name _____

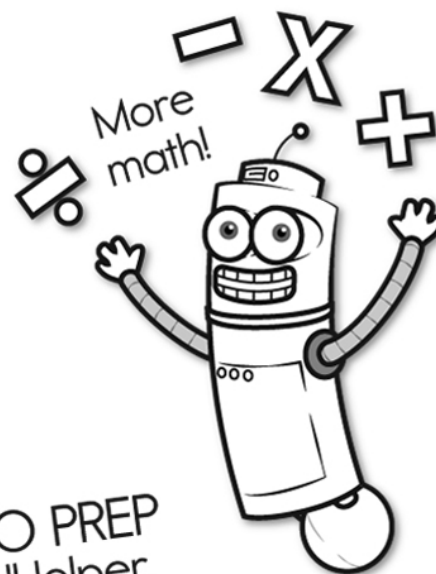
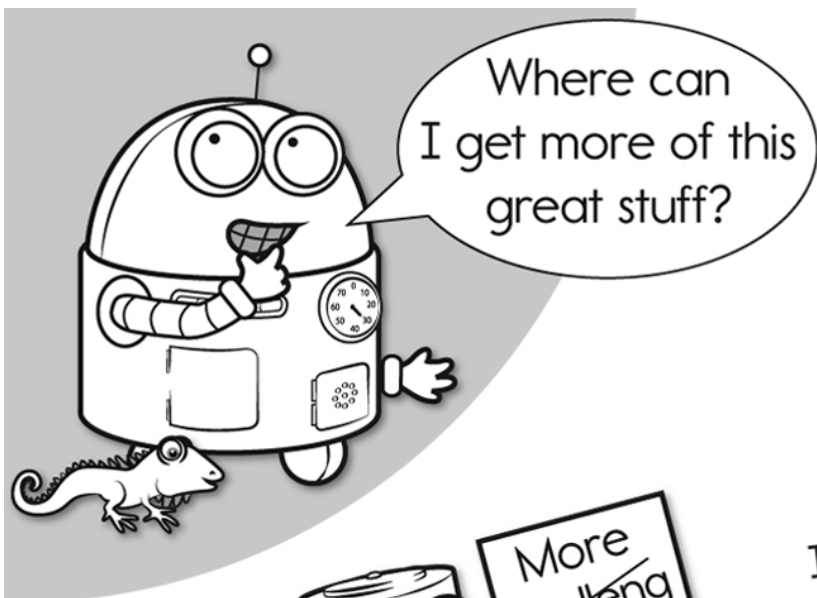


Date _____

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.

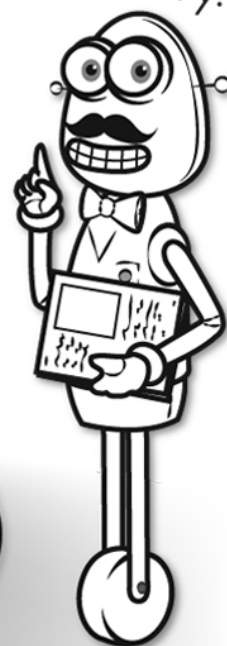


It's NO PREP at edHelper.

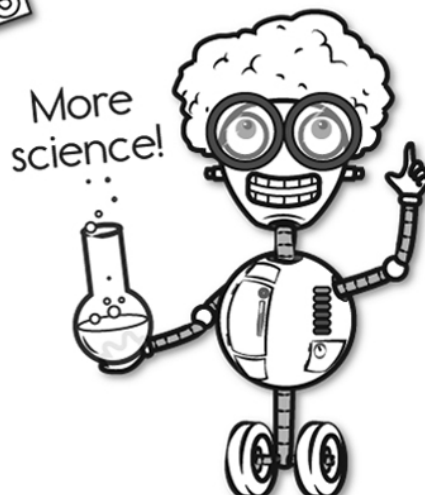
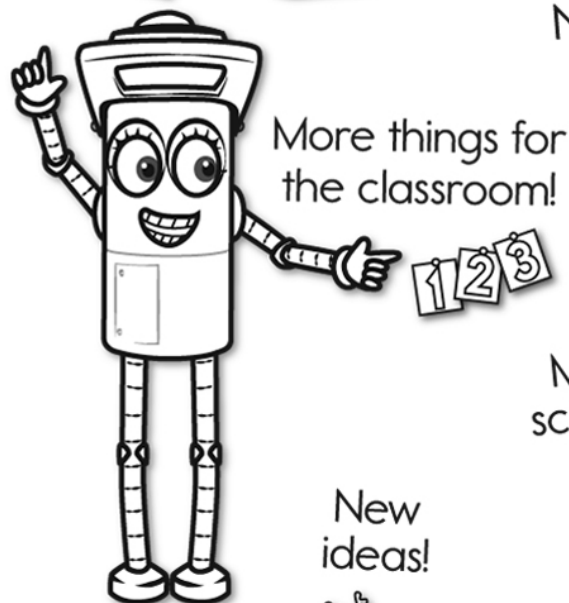
More history!



edHelper.com!



New online math games!



New ideas!



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

More puzzles!

