



Name: _____

Get a fidget spinner! Spin it.

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

If $2x = 32$, then $x =$

$\$83 - p = \32
What is the value of p ?

$77 \div 11 \times 9$

What is the perimeter
of a rectangle with a
length of 44 centimeters
and a width that is $\frac{1}{4}$
the length?

$3 + 9 \cdot 9 + 9$

Simplify.

$\frac{2,200}{3,300} =$

$\frac{3}{11} \times \frac{2}{11}$

If $a = 5$ and $b = 68.6$,
then
 $2a + b - a =$

$7 \times 7 \times 7 = x^3$

What is the value of x ?

Circle the percentage that
is closest to 23 out of 61:
55%
13%
34%

0.2×0.07

If $f = -4$ and $p = 11$ then
what is $4f + 9p - 4p = ?$



Name: _____

Spin again.

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

What is the remainder of
44 divided by 5?

$26 - 15 + t = 24$
What is the value of t ?

$$|-5| + g = 1$$

$$g =$$

$$|-6| - t = 8$$

$$t =$$

$$7 \times 4 \times 11$$

$$\frac{4}{6} \times \frac{3}{11}$$

W, W, J, J, _____, W,
J, J, W, W, J, J

The angles in a
quadrilateral
measure 88° , 92° , 94° ,
and y° . What is the
value of y ?

Rosa told the class that
they should drink about 1.97
liters of water per day.
There are 20 kids in the
class, including Rosa. They
will all try to do that. How
much water will the class
drink in a day?

What is the remainder of
129 divided by 18?

$$0.8 (0.6 (0.8 + 9)) =$$

$$0.14 \cdot 9 =$$

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

10% of 120



46% of 150

76% of 150



11% of 200

16% of 75



50% of 58

74% of 100



55% of 40

78% of 50



60% of 65

60% of 95



37% of 200

29% of 100



92% of 75

57% of 200



76% of 75

Find the difference
between 650 and 174.

$$8 + 9 + 4 + 6 + 8 =$$

$$\begin{array}{r} 6,882 \\ + 4,758 \\ \hline \end{array}$$

$$(5 + 10 + 13 + 8) =$$

$$|-77| \times |59| =$$

$$0.9 (0.3 (0.9 + 7)) =$$

Find the least common
denominator for the
fractions $\frac{7}{18}$ and $\frac{14}{21}$.

What is the prime
factorization of 30?

Rewrite in scientific notation.

520,900,000

Name: _____

Rewrite $\frac{9}{25}$ as a decimal.

Simplify.

$$\frac{63}{105} =$$

A, _____, G, J, M, P,
S, V, Y

$$70 \div 10 \times 11$$

In what quadrant would
you find the point (7, -16)?

$$(6 + 16) + 8 = 2(v + 12)$$

What is the value of v?

$$8 \times 8 \times 8 = x^3$$

What is the value of x?

Circle the percentage that
is closest to 27 out of 69:

60%

13%

77%

$$\$94 - p = \$34$$

What is the value of p?

What is the mode of the
following number set?

21, 15, 15, 21, 27, 21, 23, 16, 22,
19, 19, 18, 19, 21, 17

If

10,000,000,000

$= 10^x$, then what is the
value of x?

Write as an algebraic
expression.

755.2 divided by the
difference of a and n

15, 17, _____, 21, 23, 25

$$\frac{11}{12} \times \frac{5}{11}$$

Use >, <, or = to complete.

$$\frac{1}{8} \text{ — } 79\%$$

$$\frac{2}{10} \text{ — } 24\%$$

Name: _____

<p>Mr. Smith likes to buy vegetables and fruit from roadside stands. Yesterday he bought 3.3 pounds of apples at \$1.17 per pound, 1.5 pounds of grapes at \$1.57 per pound, and 5.8 pounds of red potatoes at \$0.89 per pound. He paid for his purchases with a \$50-bill. How much change did he get?</p>	<p>Columbus would have taken some live animals aboard for food sources. If there were one hundred thirty-four animals, of which seventy-eight were rabbits and the rest were chickens, what percentage of the animals were chickens? Round your answer the nearest percent.</p>	<p>There were 15,196 weddings in Springs City last year. According to state records, notaries public performed 13% of the weddings. How many weddings were not performed by notaries public?</p>
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$2 \times 8 = \underline{\hspace{2cm}}$	<p>How many ounces are in 8 pounds?</p> <p>_____ ounces</p>	$11 \times 6 = \underline{\hspace{2cm}}$
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<p>Hannah rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being five?</p>	$\begin{array}{r} 495 \\ + 343 \\ \hline \end{array}$	$84 \div 7 = \underline{\hspace{2cm}}$	$\begin{array}{r} 42 \\ - 25 \\ \hline \end{array}$
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<p>Can 660 be evenly divided by 12? Circle: 660 is evenly divisible by 12 660 is NOT evenly divisible by 12</p>	$29 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$	$\begin{array}{r} 31 \\ + 30 \\ \hline \end{array}$
	$1 \text{ km} = 1,000 \text{ m}$	
	$10 \text{ km} = \underline{\hspace{2cm}} \text{ m}$	

Name: _____

Sudoku Sums of 15

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 15.

Here is an example of a sudoku sum of 15:

12	3
----	---

			8		6			1
2		8					4	
	6	9	7			2		
		6			7	1		
	5	1	3	6				4
				5				
			6	7				
	1				4			3
	4					6		8

$$\begin{array}{r} 922 \\ - 797 \\ \hline \end{array}$$

$$54,398 - 33,442 = \underline{\hspace{2cm}}$$

$$14 \div 7 = \underline{\hspace{2cm}}$$

Name: _____

Circle the smallest number: 790,642 9,741,832 358,148,036,215 60,597,364	$12 \div 4 =$ _____	The letters E and T each have a line of symmetry. Name another letter between E and T that has a line of symmetry. _____

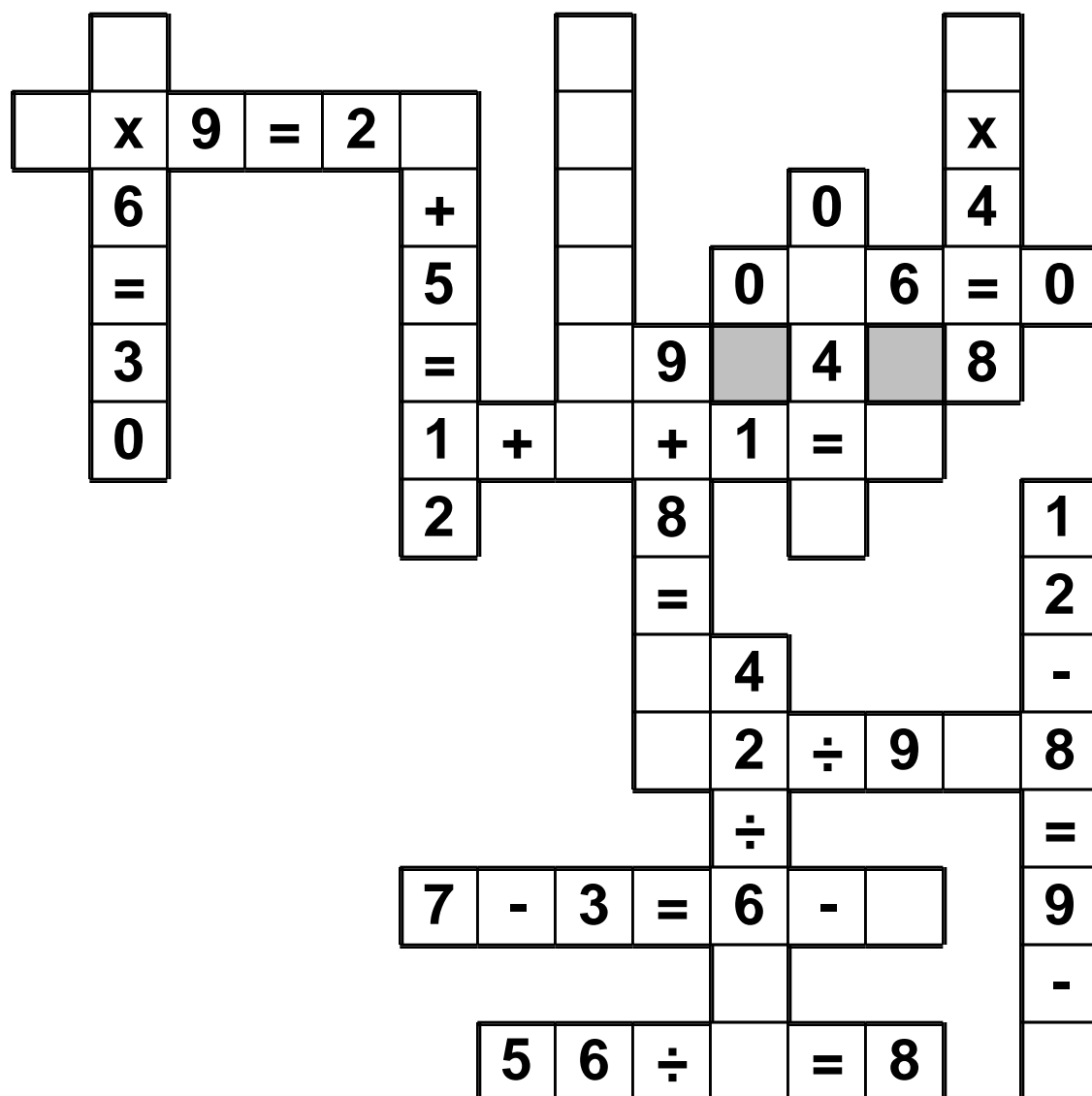
Maria is older than Amy. Amy is older than Sarah. Who's the youngest?	$36 \div 9 =$ _____	$22 \div 11 =$ _____

Can 410 be evenly divided by 9? Circle: 410 is NOT evenly divisible by 9 410 is evenly divisible by 9	$16 \div 4 =$ _____	$11 \times 9 =$ _____

$5 \times 4 =$ _____	Write this as a number in standard form. Use a comma in your number. two hundred twenty-four thousand, five hundred eighty-four _____	$6 \times 4 =$ _____
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$18 \div 3 =$ _____	$7 \times 2 =$ _____	Write the numbers 25 to 45 on a sheet of paper. How many of these numbers are divisible by 9? _____
Write the missing family fact. $136 - 69 = 67$ $69 + 67 = 136$ $67 + 69 = 136$ _____		

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



$5 \times 11 = \underline{\hspace{2cm}}$

Name: _____

Sarah, Nicholas, and Brandon each ate something different for breakfast (a bagel, muffins, or waffles). They also each had something different to drink (apple juice, milk, or tea).

Figure out what each person had for breakfast.

1. Brandon did not have waffles or milk.
2. Nicholas did not have apple juice.
3. The person who had a bagel also had milk.
4. Sarah likes to drink either apple juice or milk for breakfast.
5. Brandon did not have apple juice.
6. The person who had waffles did not have milk.
7. Brandon did not have a bagel.
8. The person who had a bagel did not have tea.
9. Sarah did not have muffins.

Sarah had _____ for breakfast and drank _____.

Nicholas had _____ for breakfast and drank _____.

Brandon had _____ for breakfast and drank _____.

You are given four cards. One card has the number 1 on it, another card has a 2, another card has a 3, and the last card has the number 4 on it. Use two cards to make a fraction. What is the largest fraction that you can make?

$$55 \div 11 =$$

$$48 \div 6 =$$

Name: _____

Complete each pattern.

8, 8, T, T, 8, 8, T, T, 8, 8, ____, T, 8, 8, T, T
Q, Q, 3, 3, x, Q, Q, 3, 3, x, Q, Q, 3, ____, ____, Q
i, A, 4, 8, 8, i, A, 4, 8, 8, i, A, 4, 8, 8, ____, __

Complete each pattern. Write what the rule is for each pattern.

(42,417,997,492) , (3,262,922,884) , (250,994,068) ,
(19,307,236) , (1,485,172) , (114,244) ,
(8,788) , (676) , _____

(1,446,273,274,880) , (103,305,233,920) , (7,378,945,280) ,
(527,067,520) , (37,647,680) , (2,689,120) ,
(192,080) , (13,720) , _____, _____

Name: _____

Rewrite $19 - 4$

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

$$17 - 8 = \underline{\quad}$$

$$17 + -8 = \underline{\quad}$$

On a number line, what is the number that is 4 spaces right of -3?

Rewrite $12 + -3$

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

$$9 + -7 = \underline{\quad}$$

$$9 - 7 = \underline{\quad}$$

$$2 - 3 - 1 =$$

On a number line, what is the number that is 8 spaces right of -6?

Rewrite $12 + -9$

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

$$15 + -9 = \underline{\quad}$$

$$15 - 9 = \underline{\quad}$$

Rewrite $15 + -9$

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

$$8 + -4 = \underline{\quad}$$

$$8 - 4 = \underline{\quad}$$

On a number line, what is the number that is 6 to the left of 2?

$$2 - 3 - 2 =$$

Rewrite $13 - 8$

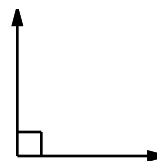
$$\underline{\quad} + \underline{\quad} = \underline{\quad}$$

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

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

Name: _____

Sketch 2 lines \overleftrightarrow{HI} and \overleftrightarrow{WX} that are perpendicular.



What kind of angle is this?

Sketch an acute angle named $\angle FGH$.

What kind of angle has a measure of between 90° and 180° ?

Sketch a right angle named $\angle CDE$.

$$\begin{array}{r} 5.45 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4.9 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 9.6 \\ \times \quad 70 \\ \hline \end{array}$$

$$76 - \frac{2}{5} =$$

$$15 - \frac{1}{3} + \frac{1}{4} =$$

Reduce $\frac{12}{26}$ to its lowest terms.

Change to a fraction.
40%

Change to a percent.

$$\frac{635}{100}$$

1 is what % of 2?

Name: _____

$47\frac{1}{4}$	$+4$				$-\frac{3}{4}$		-16	
		$-\frac{3}{4}$		$+50$				-33
							$+9\frac{3}{4}$	
-28		$-7\frac{1}{4}$		$+15$		$-\frac{6}{11}$		
				$56\frac{19}{44}$				
$-\frac{4}{11}$				$+\frac{4}{11}$		-3		
	$+48$		$-6\frac{9}{11}$				-31	$46\frac{39}{44}$

$75\frac{2}{3}$	-8		-39			-31	$123\frac{13}{15}$	$-\frac{3}{5}$	$123\frac{4}{15}$
									$-2\frac{1}{3}$
	$-\frac{3}{5}$		$+18$		$+57$			-16	
$-5\frac{1}{5}$					$97\frac{13}{15}$				
	$-\frac{1}{3}$		$-\frac{2}{3}$	$39\frac{13}{15}$	$+58$		$-\frac{3}{5}$	$104\frac{1}{3}$	



Name: _____

Can you guess the word?

No duplicate letters can be used.

Q U I C K

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

A **V** O I D

The letter V is in the word,
but V 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.

K N E A D
G L O B E
E I G H T

C F J M P Q R S U V W X Y Z

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

ATTGIEDGIITKGGDDTZO
TTTMEBTDENIAITLEIHL
AIIIDNKNEADLEEATGERK
EEGBJMLRUGDYODIUIAK
QITITBTIGERGOLLGXALU
FGQZRNBKSGILGLOBEEA

Hint: There are no duplicate letters in the answer.

E V I C T
Q U I C K

A B D F G H J L M N O P R S W X
Y Z

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

B B Q C B B U I E K X I C X V
I E B U I I R B Q C K U I I Q
B E V E B Q B I R Q R I E X B
R V U I K K U K C I U X U R J
C C I R C N I I B K I I C K W
I I Q T B T I C C B C V P C M
E K E V N B C D K K D S Q U T
C B V M U I J K I Q E H B B R

Hint: There are no duplicate letters in the answer.

R A I S E
P O R C H

B D F G J K L M N Q T U V W X Y
Z

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

HCCAIOFFFEIECRRCTPMD
URHROGEAGSSOSCEFRVN
RFSOSUERORGI RGORERB
OITRGPM PROORAAPYRKE
IRRPGP I EOURUSAIMUHH
RRWRKRRIHRRRPEISAOK
RKGOKPOKOUCEGNIIEEQP
OORIOERSOSHGAAREO

Name: _____

Write the final part of each math analogy.

two nines : 18 :: nine threes :

Explain why you think your answer is correct.

born in 2009 : 7 candles on birthday cake in 2016 :: born in 2011 :

Explain why you think your answer is correct.

10 crackers in 5 bags : 2 :: 15 crackers in 3 bags :

Explain why you think your answer is correct.

14, 26 : 38, 50 :: 62, 74 :

Explain why you think your answer is correct.

7 tens : 70 :: 7 hundreds :

Explain why you think your answer is correct.

43 ____ 45 : 44 :: 86 ____ 88 :

Explain why you think your answer is correct.

Name: _____

Color Squares Puzzle

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

		A		B	C	D	E	F	G	H	I	J
		6	6	6	6	6	6	3	3	2	2	
K	1											
L	1											
M	4	\\	\\	\\	\\	\\	\\					
N	4	\\	\\	\\	\\	\\	\\					
O	8											\\
P	6											
Q	6											
R	6											
S	6											
T	6										\\	

CLUE A: Color in 2 consecutive boxes. Then color at least one blank. Then color in 6 consecutive boxes..

CLUE B: Color in 6 consecutive boxes.

CLUE C: Color in 6 consecutive boxes.

CLUE D: Color in 6 consecutive boxes.

CLUE E: Color in 6 consecutive boxes.

CLUE F: Color in 6 consecutive boxes.

CLUE G: Color in 3 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 1 box.

CLUE L: Color in 1 box.

CLUE M: Color in 4 consecutive boxes.

CLUE N: Color in 4 consecutive boxes.

CLUE O: Color in 8 consecutive boxes.

CLUE P: Color in 6 consecutive boxes.

CLUE Q: Color in 6 consecutive boxes.

CLUE R: Color in 6 consecutive boxes.

CLUE S: Color in 6 consecutive boxes.

CLUE T: Color in 6 consecutive boxes.

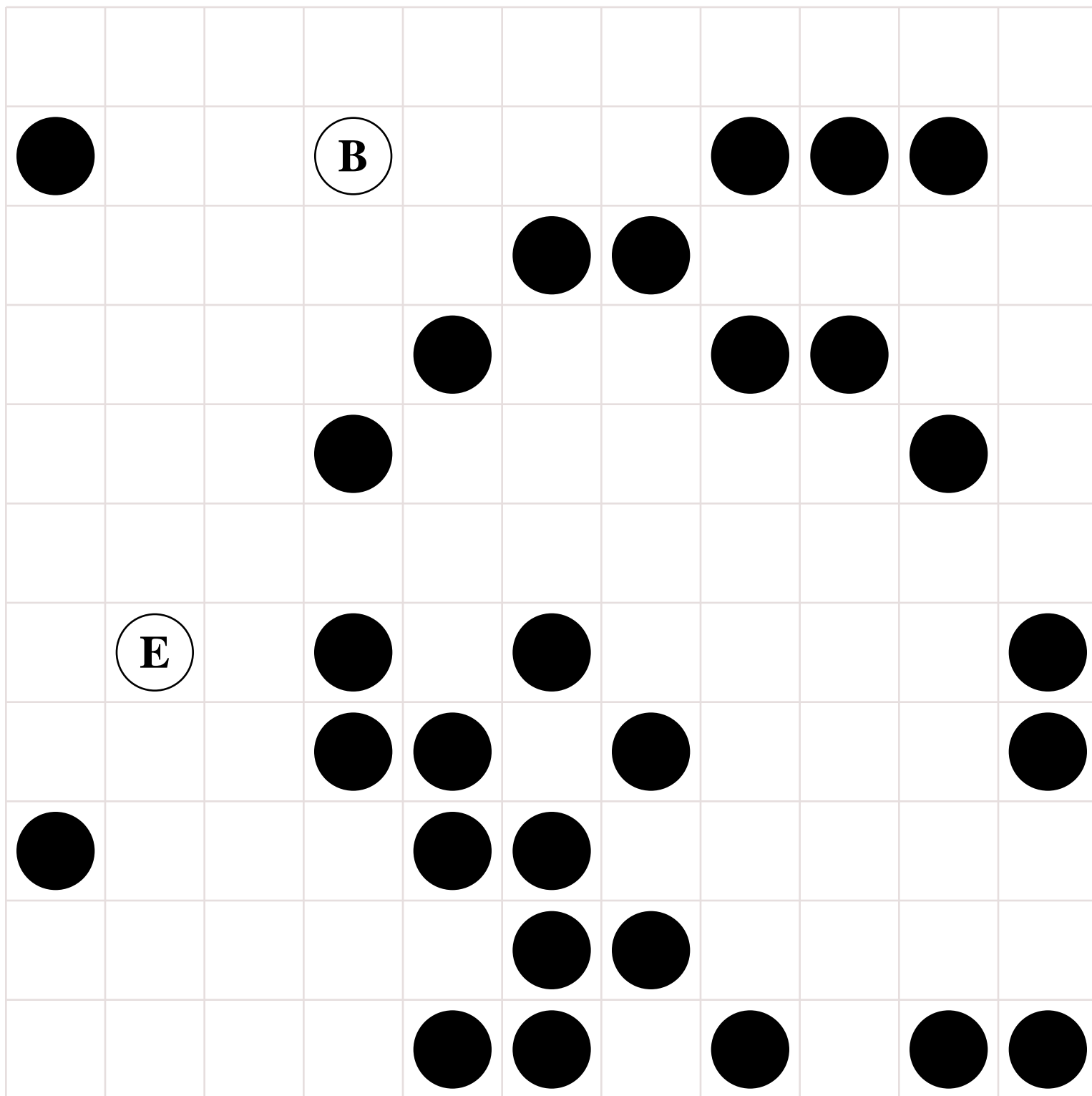
Don't forget to double check when you are done!

Name _____



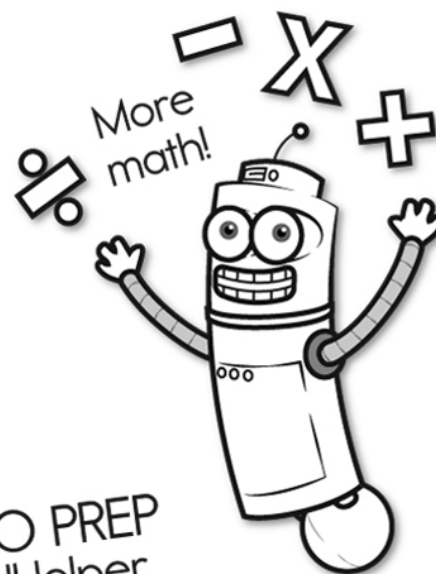
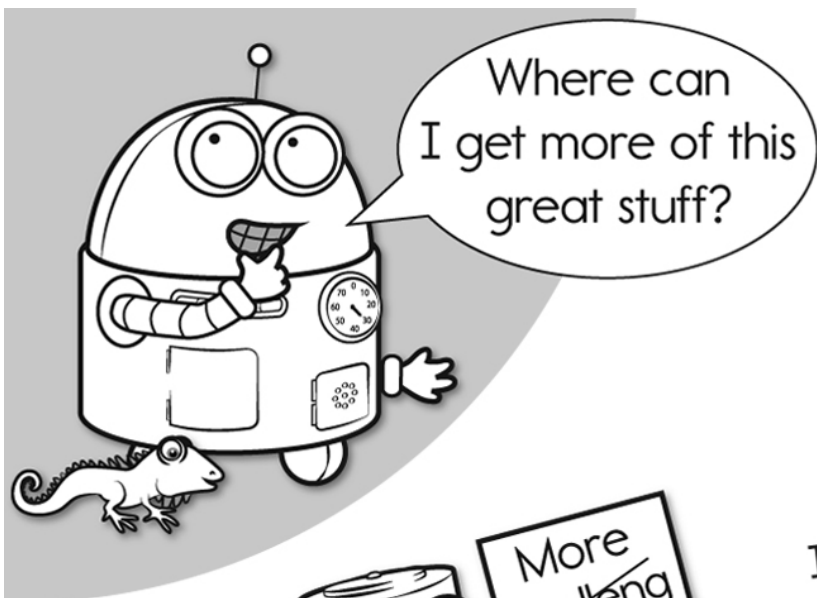
Date _____

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 finish 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 _____ circle(s).

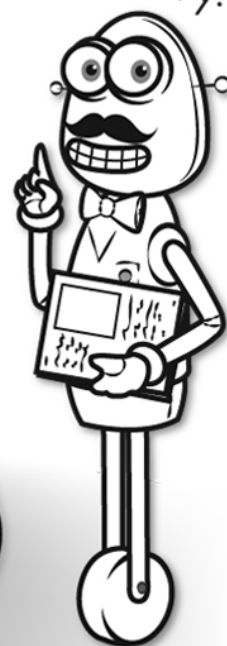


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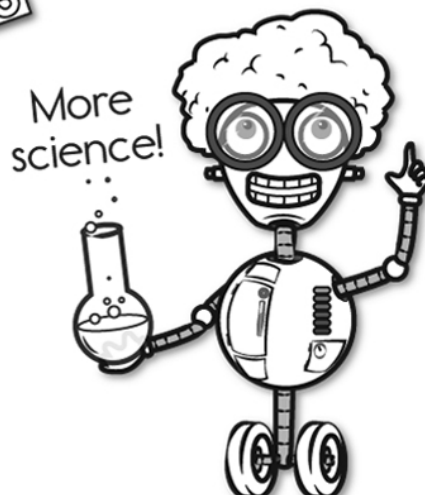
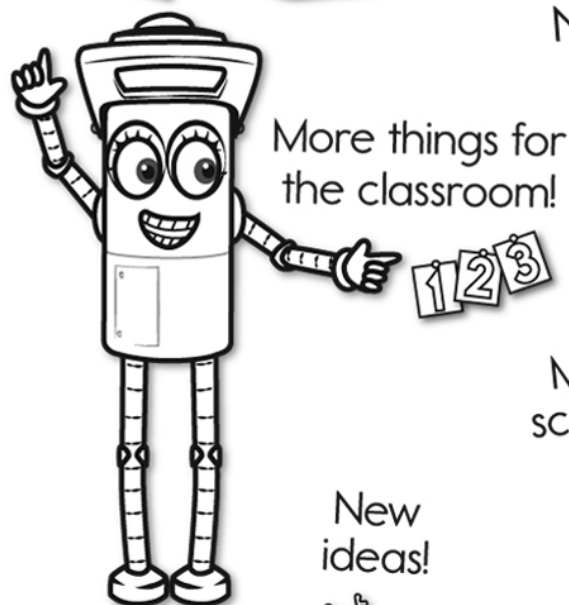
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