

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

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 4 3 2

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

An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

1 4 3 2

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

Hint - These numbers are missing:

3 3 2 2 2 4 1 2

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

Hint - These numbers are missing:

2 4 3 4 4 4 3 1

Name: \_\_\_\_\_

Fill in the missing numbers.

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

Hint - These numbers are missing:

1 1 4 4  
1 1 4 2

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

Hint - These numbers are missing:

1 4 2 1 3 3  
2 1 4 4 1

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

Hint - These numbers are missing:

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

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

Hint - These numbers are missing:

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

How many ounces are in 5 pounds?

\_\_\_\_\_ ounces

Circle the digit in the tenths place.

4,989.656

Name: \_\_\_\_\_

Hunter has six different kinds of cars to use on his model railroad. In how many different orders can he arrange the cars to be pulled by the engine?

The local football team wants to purchase enough tarp material to cover their field during bad weather. The field, including the end zones is 120 yards long and 50 yards wide. They want to get exactly twelve percent more than is needed to cover the field so some of the sidelines and area beyond each end zone are covered as well. How many square yards of tarp material should they buy?

There are 2 prime numbers greater than 42 but less than 52. Name them.

Change  $\frac{93}{100}$  to a percent.

$$\begin{array}{r} 895.5 \\ + 27.1 \\ \hline \end{array}$$

Find 50% of 319.

Name: \_\_\_\_\_

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

He added  $1\frac{1}{2}$  cups of Cheerios,  $\frac{5}{6}$  cup of pretzels, and  $\frac{3}{5}$  cup of raisins. How many cups of food are now in the bowl?

Round the decimal 0.465 to the nearest hundredth.

What 5 coins add up to 61 cents?

How many meters are there in 39 kilometers?

Estimate quickly the difference.  
 $4,990 - 2,960$

It was 9 degrees below zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?

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

10 lb = \_\_\_\_\_ oz

$88 \div 8 =$

$33 \div 3 =$  \_\_\_\_\_

Name: \_\_\_\_\_

Pam has given powers to her collection of dolls. There are the A dolls and the B dolls. Today, she is having a match between one A doll and one B doll. The doll with more power will win. Who will win?

Five A dolls have 4 power points.

Four B dolls have 9 power points.

Round 14,609 to the nearest thousand.

How many centimeters in 7.4 meters?

How many centimeters in 470.8 meters?

$$5 \div \frac{1}{6}$$

How much money is 1 quarter, 1 dime, 1 nickel, and 3 pennies?

The radius of a circle is 702 cm. What is the diameter of this circle?

What time is 13 hours after 1:00 p.m.?  
\_\_\_\_\_

$$1 \text{ cm} = 10 \text{ mm}$$

$$22 \text{ cm} = \text{_____} \text{ mm}$$

$$120 \div 10 =$$



Name: \_\_\_\_\_

<p>If you divide 32 by 3, you get a remainder of 2. Make up three other different equations where you divide by 3 and get a remainder of 2.</p>	$9 \times 6 =$	$\begin{array}{r} 32 \\ + 47 \\ \hline \end{array}$
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<p>The letters F, G, J, L, N, P, Q, R, S, and Z do not have line symmetry. The rest of the letters in the alphabet do. Can you write someone's name where the complete name has line symmetry?</p>	<p>Rosa rolls a die. What is the chance of her rolling a 5?</p> <p>_____</p>	$\begin{array}{r} 38 \\ - 22 \\ \hline \end{array}$
$12 \times 8 =$		

$5,327 - 3,367 =$ _____	<p>Write this as a number in standard form. Use a comma in your number.</p> <p>nine hundred twelve thousand, six hundred eighty-six</p> <p>_____</p>
$27 \div 3 =$	

$28 \div 4 =$ _____	$6 \times 12 =$ _____
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$(7 + 8) + 4 =$	<p>Write the numbers 60 to 85 on a sheet of paper. How many of these numbers are divisible by 5?</p> <p>_____</p>
-----------------	---

Name: \_\_\_\_\_

### Sudoku Sums of 10

Each row, column, and box must have the numbers 1 through 6.  
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 10.

Here is an example of a sudoku sum of 10:

7	3
---	---

4	2	5		3	
	6	4			
1					6
	3				
			3	2	

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

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

Mary rolls two dice. What is the chance of her rolling a 4 on one die and a 1 on the other die?

\_\_\_\_\_

$72 \div 9 = \underline{\hspace{2cm}}$

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

In the number 218,857,372, the digit 1 is in what place?

\_\_\_\_\_

Name: \_\_\_\_\_

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

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

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

You want to buy an entire pizza, but you cannot decide which pizza store to go to. Holly's pizza cuts their pizza into 3 slices. Each slice costs \$5 each. Maria's pizza cuts their pizza into 4 slices. Each slice costs \$4 each. If you like each pizza the same, which pizza store has the better buy?

12 x 10 = \_\_\_\_\_

11 x 11 = \_\_\_\_\_

9 x 4 = \_\_\_\_\_

787 - 367 = \_\_\_\_\_

852 + 665 = \_\_\_\_\_

Name: \_\_\_\_\_

$13 + -4 = \underline{\quad}$

$13 - 4 = \underline{\quad}$

Rewrite  $8 - 1$

Using numbers:  $-1$  and  $8$

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

$18 + -14 = \underline{\quad}$

$18 - 14 = \underline{\quad}$

$16 - 3 = \underline{\quad}$

$16 + -3 = \underline{\quad}$

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

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

$2 - 3 - 2 =$

What is the number that is  
7 less than 5?

$-2 + 10 = \underline{\quad}$

$5 - 6 =$

On a number line, what is  
the number that is 5  
spaces right of  $-4$ ?

On a number line, what is  
the number that is 11 to the  
left of 5?

$-7 + 10 = \underline{\quad}$

$6 - 11 =$

Rewrite  $13 - 8$

Using numbers:  $-8$  and  $13$

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

$7 - 10 =$

Name: \_\_\_\_\_

Write each as a decimal.

$$17\frac{83}{100} =$$
$$7\frac{97}{100} =$$
$$2\frac{3}{10} =$$
$$7\frac{15}{100} =$$
$$9\frac{49}{100} =$$
$$10\frac{7}{10} =$$

$$\begin{array}{r} 2\frac{3}{11} \\ + 7\frac{8}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 2\frac{5}{9} \\ \hline \end{array}$$

$$90 \overline{) 6120}$$

Divide and write remainder.

$$31 \overline{) 794}$$

Divide and write remainder.

$$1,000 \times 18.8589 =$$

Change 0.22 to a percent.

$$\begin{array}{r} \frac{1}{2} \\ - \frac{3}{6} \\ \hline \end{array}$$

$$5 \overline{) 2988}$$

Divide and write remainder.

Name: \_\_\_\_\_

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

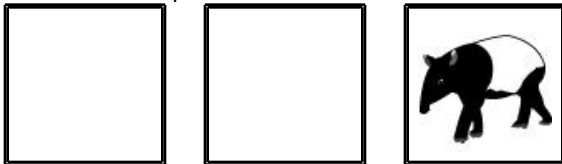


! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.  
! The picture is NOT in the correct spot.

Draw the 3 pictures in the correct order:



! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.

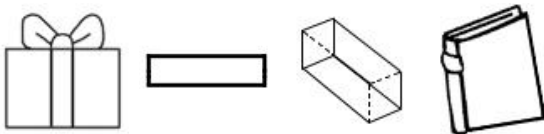


! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.

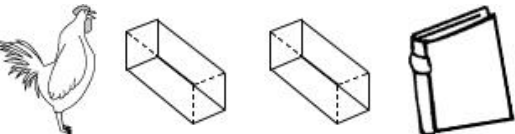
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



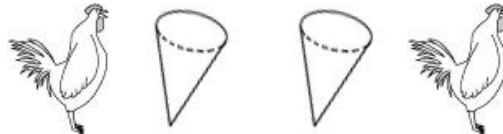
! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



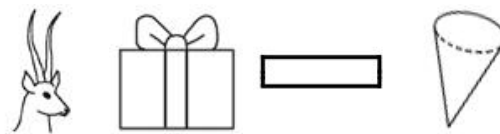
! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.

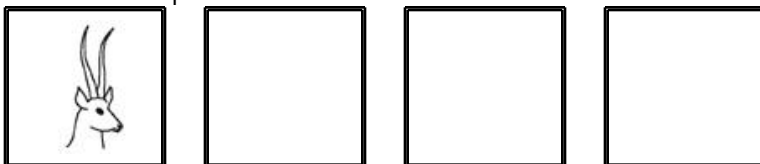


! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



! Draw 2 of these 4 pictures.  
! The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



Name: \_\_\_\_\_

Write all the factors for the number 10.

$$9 - x = 1$$

What is the greatest common factor of 8 and 14?

What is the least common multiple of 5 and 8?

Write all the factors for the number 40.

$$m - 11 = 6$$

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

What is the missing number?

$$x + 18 = 33$$

What is the value of x?

Is the least common multiple of 10 and 6 smaller, equal to, or greater than the greatest common factor of 10 and 6?

What is the greatest common factor of 12, 39, and 40?

Name: \_\_\_\_\_

Write each product in the simplest form.

$$2\frac{5}{6} \times 6$$

$$4 \times 3\frac{5}{6}$$

$$17 \times 1\frac{1}{9}$$

$$1\frac{3}{5} \times 28$$

$$36 \times 32\frac{10}{11}$$

$$3\frac{7}{8} \times 37$$

$$3\frac{3}{4} \times 24$$

$$47 \times 36\frac{4}{5}$$

$$38 \times 2\frac{3}{4}$$

$$1\frac{8}{9} \times 35$$

$$34\frac{1}{3} \times 16$$

$$39 \times 3\frac{7}{10}$$

Name: \_\_\_\_\_

Change  $\frac{21}{35}$  to a decimal.

Write the decimal in words.  
16.57535

$$\begin{array}{r} 568,364 \\ 840,737 \\ 2,349,053 \\ + \quad 895,638 \\ \hline \end{array}$$

Find 20% of 265.

Reduce each fraction to a mixed numeral in its lowest terms.

$$\begin{array}{r} 32,674 \\ \times \quad 6 \\ \hline \end{array}$$

$$\frac{203}{42} =$$

$$\frac{48}{24} =$$

$$\frac{4}{8} =$$

$$\frac{66}{9} =$$

$$\frac{189}{21} =$$

$$\frac{2}{4} =$$

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

$$0.09 \overline{) 0.288}$$

Find the least common denominator.

$$\frac{10}{12} \text{ and } \frac{2}{4}$$

Name: \_\_\_\_\_

Words can be to the RIGHT, DOWN, LEFT, or UP. Every letter is used ONCE.

Hint: When to the LEFT or UP the word is backwards.

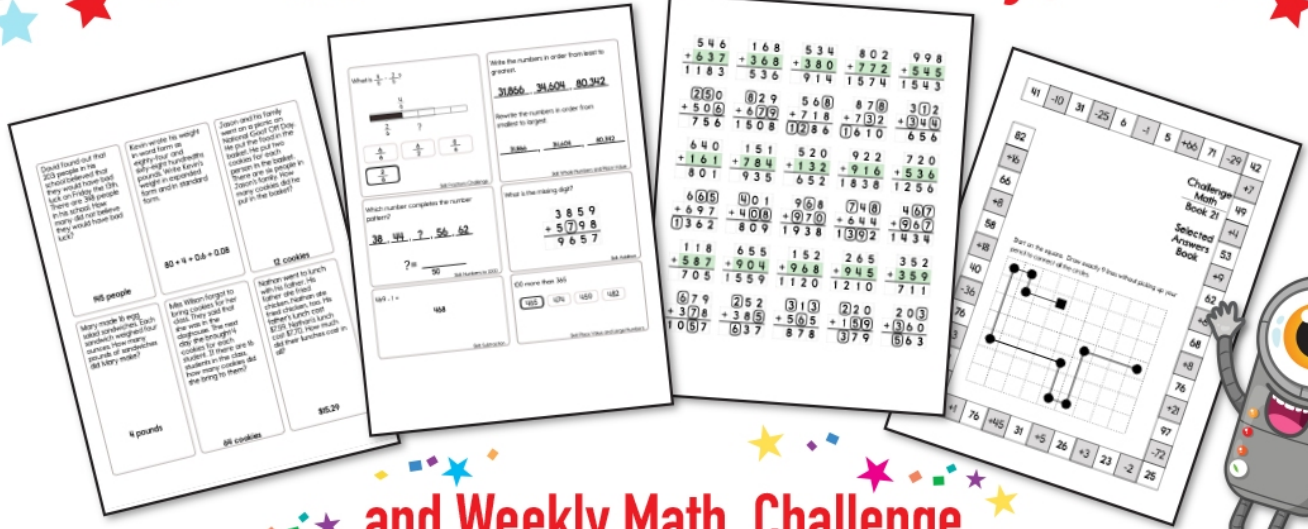
V	C	O	N	S	C	R	I	P	T	I	O	N
I	T	R	O	S	S	E	C	E	D	E	R	P
S	I	D	O	P	A	M	P	H	L	E	T	S
I	C	F	N	O	T	E	S	P	S	I	H	T
O	K	E	R	A	I	N	O	W	O	N	A	
N	E	E	S	H	A	V	E	W	P	W		
S	T	L	F	I	N	A	L	D	E	R	P	A
D	I	A	M	E	T	E	R	E	E	A	I	R
	S	T	N	U	O	M	A	R	L	Y	T	D
E	S	C	O	R	T	D	E	P	O	S	I	T

Write the words found.

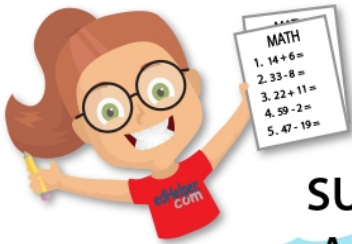
<u>DEPOSIT</u>	<u>AWARD</u>
<u>THIS</u>	<u>PAMPHLETS</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Circle all of the words.  
 resoluteattractionkeyexposejackettalentgiftskillboil  
 talentreservoirgiftexposeboilkleptomaniakeyresolute

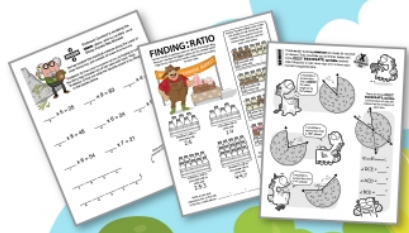
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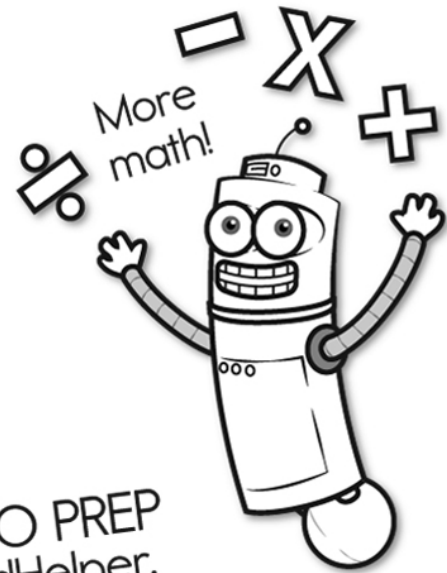
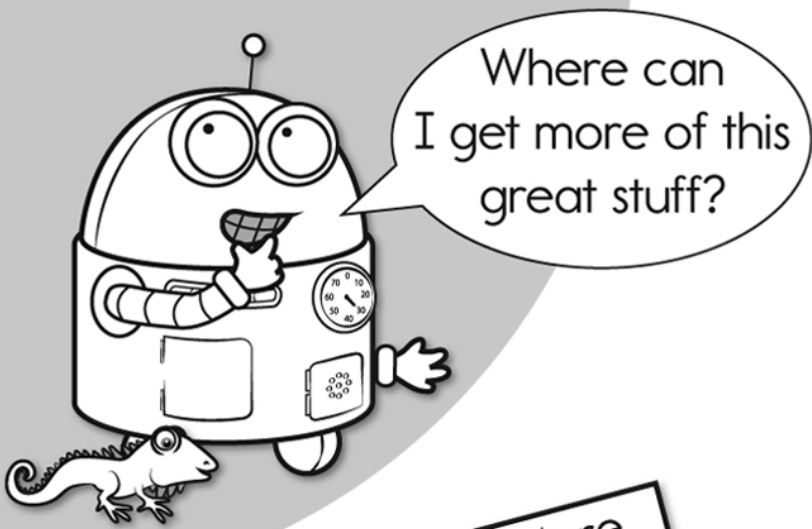
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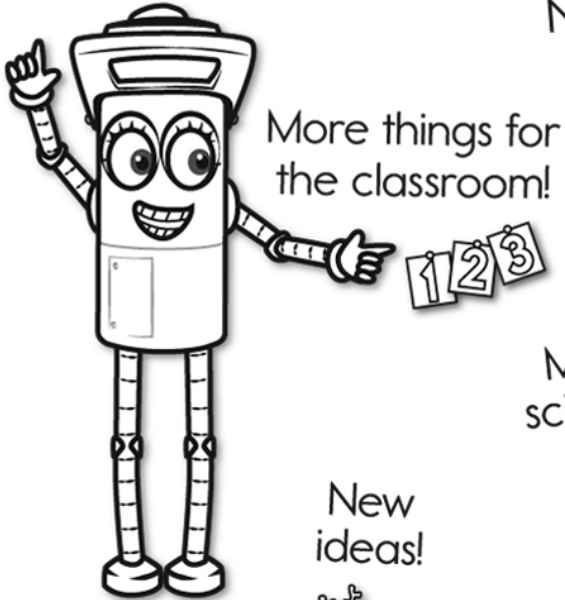
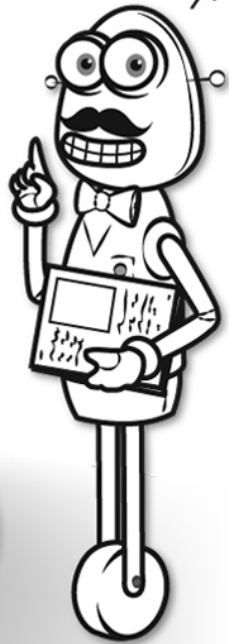
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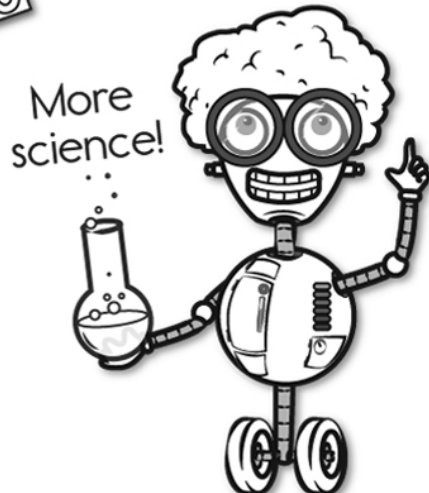


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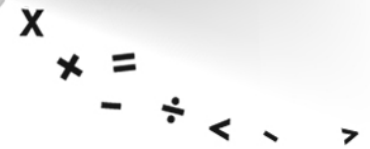
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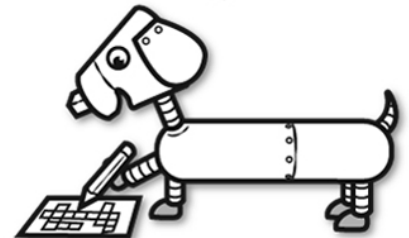
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