

Name: _____

The lava output from the volcano in crater park has quadrupled over the past 30 days. If the lava output 30 days ago was 4 tons of rock per week, what is the output now?

If there are four seats available on the bus and two people who want to sit down, how many different ways can those two people arrange themselves in the empty seats?

Tasha finished the first draft of her history essay. The teacher said it had to be at least five hundred words long. She counted the words in her draft and found she had 440. How many more words does she need to meet the minimum word count for the assignment?

Connor bought some parts to repair his saxophone. He needed a new ligature (the part that clamps the reed to the mouthpiece). He found several different kinds in some catalogs. He decided to buy one of each since they were not that expensive and he wanted to see which one he liked the best. He got one for \$13.83, one for \$7.17, and one for \$6.03. The total shipping cost for all three was \$7 and the sales tax on everything he purchased, including shipping, was 7.4%. How much did he spend?

How many one foot square tiles are needed to cover a kitchen floor if the kitchen is ten feet long and thirteen feet wide?

Maria and her father went to Paulo's Pizzeria for pizza with everything except anchovies. The pizza was divided into ten slices. Maria's father ate two-fifths of the pizza. Maria ate the rest. How many slices of pizza did Maria eat?

Name: _____

Use any of these digits. Cross off a digit after you use it.

9

4

9

Write the smallest 1-digit number that you can come up with that is less than 0. Remember that -82 is smaller than -8.

Maria and Amy each have a soccer game at 8 a.m. on different fields. Maria's soccer field is 101 yards long. Amy's soccer field is 321 feet long. Which field is longer and by how much?

Holly lives in Moscow where it is currently Sat. at 8:15 p.m. She made a phone call to Rose who lives in New Orleans. It is 11:15 a.m. and Sat. in New Orleans. What is the difference in time?

Name: _____

According to one survey, 91.8% of people said they just couldn't let it go when someone hurts their feelings. If the survey included 2,600 people, how many of them said they can't let go of their hurt feelings?

Mr. Bloop is playing a mini bowling game at an arcade. He has three rolls of a small ball. Each time he tries to knock down all the pins (seven pins each time). On the first try, he knocks down all seven. On the second try, he knocks down 1. On the third try, two pins remain standing after he rolled the small ball. How many did he knock down in all?

Jen is really into science. She invented a robotic bug that burps. Her brother loves it, so she wanted to burp her brother today. She checked her phone, and her brother is currently 1.3 miles away. After she set the coordinates on the phone the robotic bug left. She got a burp confirmation 89.7 seconds later when it reached her brother. How fast did this burping bee travel in miles per hour?

David and Anne are a team. David makes robots, and Anne fits them for fancy robot clothes. They have two models. Model One is very small at only 9.5 inches. The other is bigger, but David only gave Anne a calculation as the robot is still in production. David wanted it to be 3 times the size of Model One, but it turns out the prototype is 9.5 inches shorter than that. How big is the prototype?



Name: _____

Get a fidget spinner! Spin it.

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

Find the LCM using the Birthday Cake method.



4	24 28	4	32 36
	6 7		
LCM: $4 \times 6 \times 7 = 168$		LCM: _____	

6	180 150	5	240 180
LCM: _____		LCM: _____	

32 12	38 16	14 40
LCM: _____	LCM: _____	LCM: _____

65 95	57 24	64 72
LCM: _____	LCM: _____	LCM: _____



Name: _____

Spin again.

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

Find the LCM using the Birthday Cake method.

2	24 14	5	55 35	5	55 60
	12 7				
LCM: $2 \times 12 \times 7 = 168$		LCM: _____		LCM: _____	


3	21 18	5	165 75	5	25 40
LCM: _____		LCM: _____		LCM: _____	

228 180	52 20
LCM: _____	LCM: _____

75 80	90 78	60 51
LCM: _____	LCM: _____	LCM: _____

Name: _____

<p>Sarah spends $1\frac{1}{3}$ hours each day working on her homework. How many hours does she work on homework in 8 days?</p>	<p>Mrs. King went to the Peanut Butter Lover's Month Bake Sale. She bought a peanut butter pie for \$5.57, 2 dozen peanut butter cookies for \$1.26 per dozen, and 12 peanut butter brownies for \$1.80 per dozen. How much did she spend in all?</p>	<p>Hunter, Jordan, David, Kevin, and Connor play in Little League. Kevin can hit farther than David and Hunter. Jordan can hit farther than Kevin. David can hit farther than Connor. Jordan can hit farther than David. Which one of the boys can hit the greatest distance?</p>
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$\begin{array}{r} 30 \\ + 28 \\ \hline \end{array}$	<p>Can 376 be evenly divided by 8? Circle: 376 is evenly divisible by 8 376 is NOT evenly divisible by 8</p>	<p>$32 \div 4 = \underline{\hspace{2cm}}$</p>
		

<p>Ava rolls two dice. She adds the numbers on the two dice. What is the chance of this sum being ten?</p>	<p>Four-eighths of the children in Rodriguez's class want to go outside. If Rodriguez agrees with the majority, will the class stay inside or go outside?</p>	$\begin{array}{r} 445 \\ + 376 \\ \hline \end{array}$

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Once you use a letter, cross it off on the bottom. You cannot use the same letter more than once.

			1	2	4	10
F	R	O	Z	E	N	

7

1	2	4	8	12
	I			

		1	2	4
P	A			

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

		1	2	4	6	12	18
U	N						

1	2		4
		I	

		1	2	6
C	R			

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

$$594 - 314 = \underline{\hspace{2cm}}$$

How many feet are in 24 inches?

_____ feet

Hannah is giving out candy, but you need to guess her favorite number if you want some. Her favorite number has three digits. The three digits add up to twenty-one. The hundreds digit is 1 more than the units digit. The tens digit is 2 more than the units digit. One digit in her number is seven.

Are you going to get candy?

$18 \div 6 =$

$48 \div 4 =$



$$\begin{array}{r} 85 \\ - 54 \\ \hline \end{array}$$

For 10,439,053,056,243, write the digit that is in the ten thousands place.

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

21 kg = _____ g

Name: _____

Lucas has three quarters and one nickel.
He also has one other coin that is different
from the rest of his coins. How much could
he have?

$$83,392 - 65,765 = \underline{\hspace{2cm}}$$

$$7,443 - 7,337 = \underline{\hspace{2cm}}$$

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

$$17 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$$

$$120 \div 12 =$$

7% of 100 is 7.
7% of 200 is 14.
7% of 500 is 35.

What is 7% of 800?



$$218 + 133 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 310 \\ - 136 \\ \hline \end{array}$$

$$33 \div 11 = \underline{\hspace{2cm}}$$

Can 641 be evenly divided by 7? Circle:
641 is NOT evenly divisible by 7
641 is evenly divisible by 7

Maria is younger than Anna. Maria is
older than Ava. Who's the oldest?

Write an equation to represent this:
The sum of ten and four is fourteen.

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

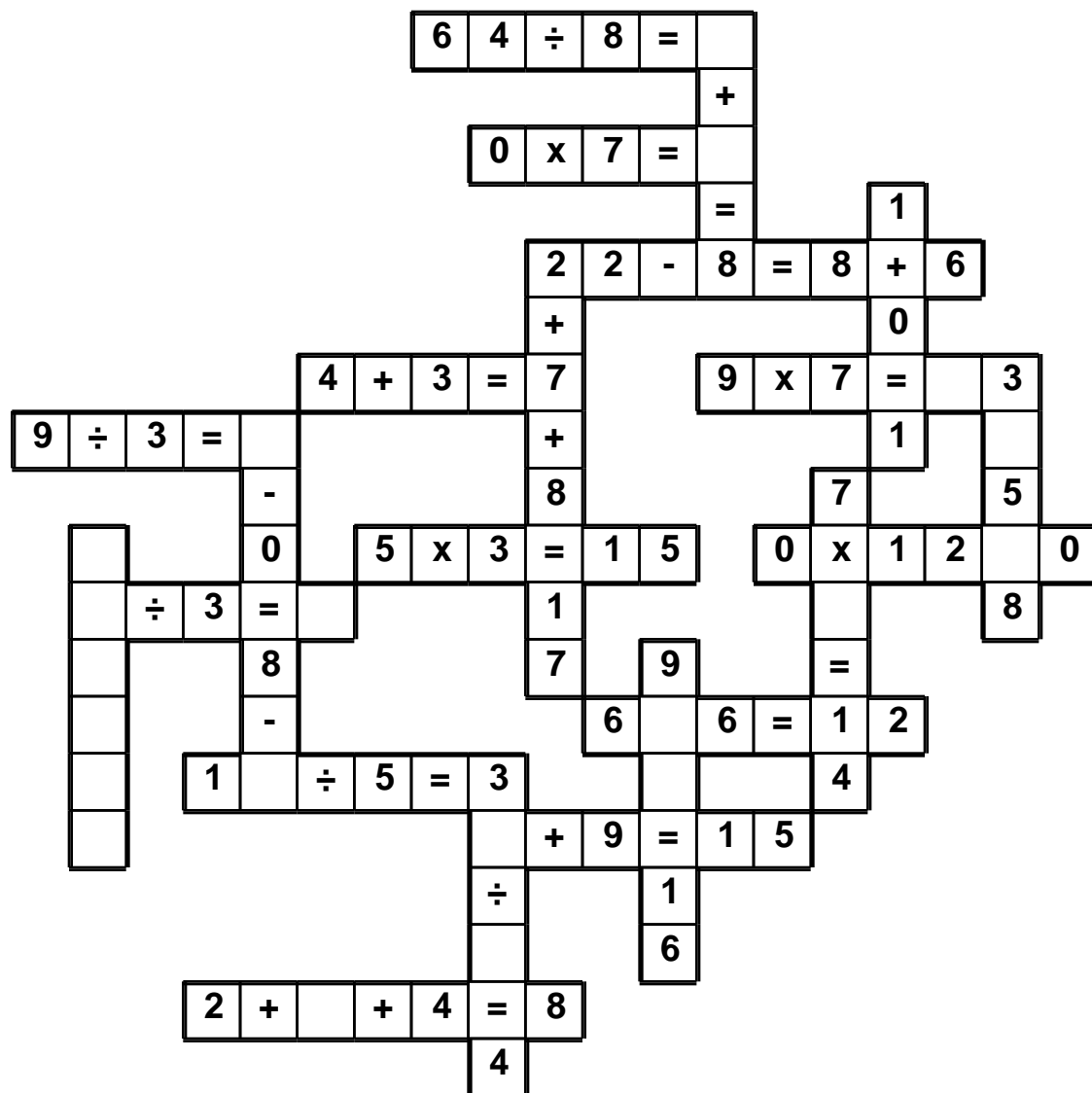
Circle the digit in the hundredths place.
4,131.565

$$3 \times 9 = \underline{\hspace{2cm}}$$

Name: _____

8 • 0 • 6 • 3 • + • 3 • = • 0 • 0 • 2 • ÷ • 5 • + • = • 5 • 7
6 • 6 • 9 • 2

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



$8 \times 8 =$ _____

$38,427 - 21,125 =$ _____

$4 \times 8 =$ _____

$932 + 889 =$ _____



Name: _____

Sierra, Mackenzie, Daniel, and Christopher listed how much they weigh on a piece of paper (56 kg, 48 kg, 85 kg, and 71 kg)

Figure out how much each person weighs.

(Hint: The gravity factor is 0.795 on Uranus, 1.125 on Neptune, 0.041 on , 0.284 on Mercury, 1 on Earth, 2.34 on Jupiter, 0.38 on Mars, 0.925 on Saturn, and 0.907 on Venus).

1. On Mercury, Sierra would weigh 50.8 fewer kilograms.
2. Mackenzie and Christopher would weigh 5.5 kg altogether on .
3. Daniel would weigh 21.3 kg on the fourth planet from the sun.

Sierra weighs _____ kg.

Mackenzie weighs _____ kg.

Daniel weighs _____ kg.

Christopher weighs _____ kg.

The letters C and W each have a line of symmetry. Name another letter between C and W that has a line of symmetry.

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

two hundred twelve thousand, one hundred fifteen

$$38,247 + 17,674 = \underline{\hspace{2cm}}$$

$$8 \times 12 = \underline{\hspace{2cm}}$$

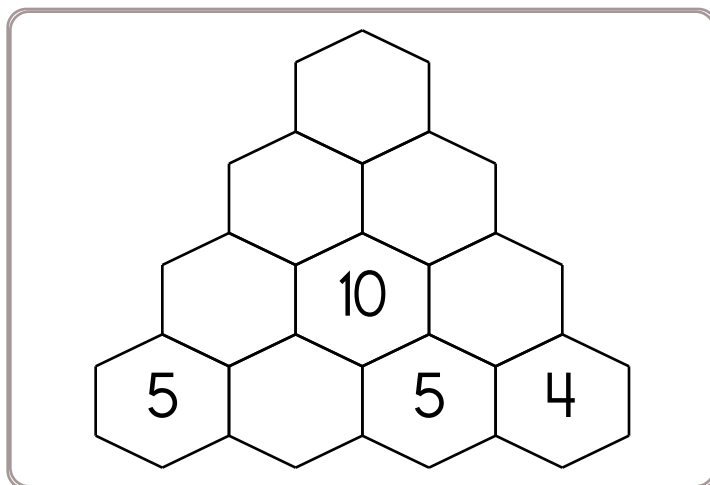
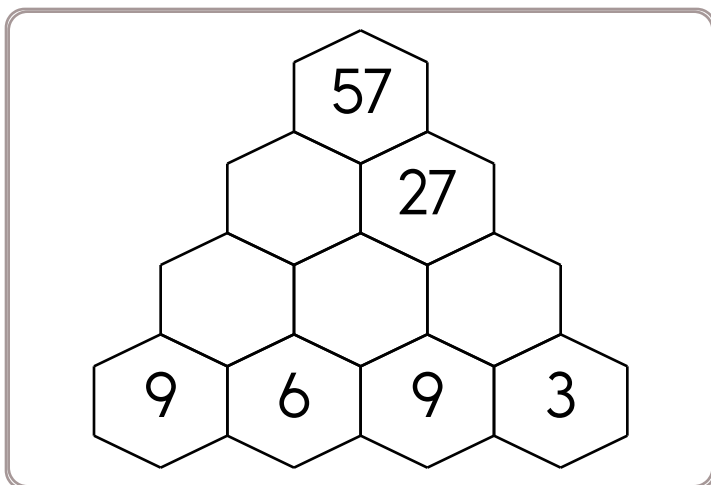
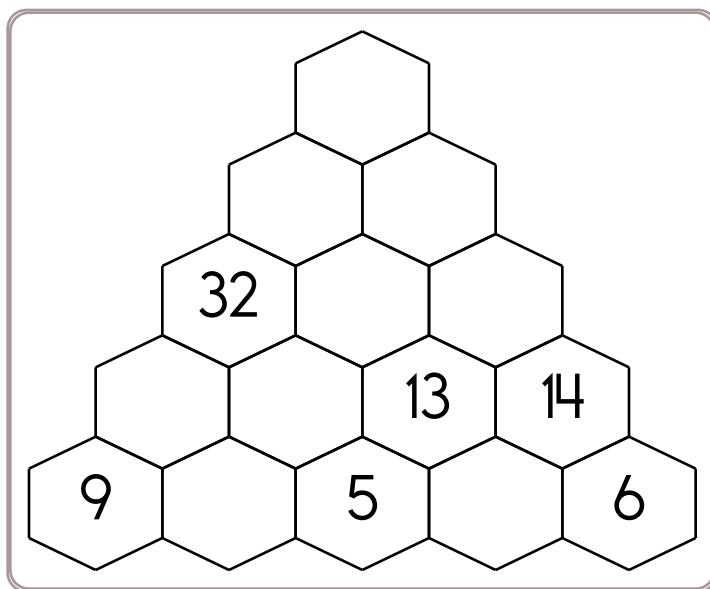
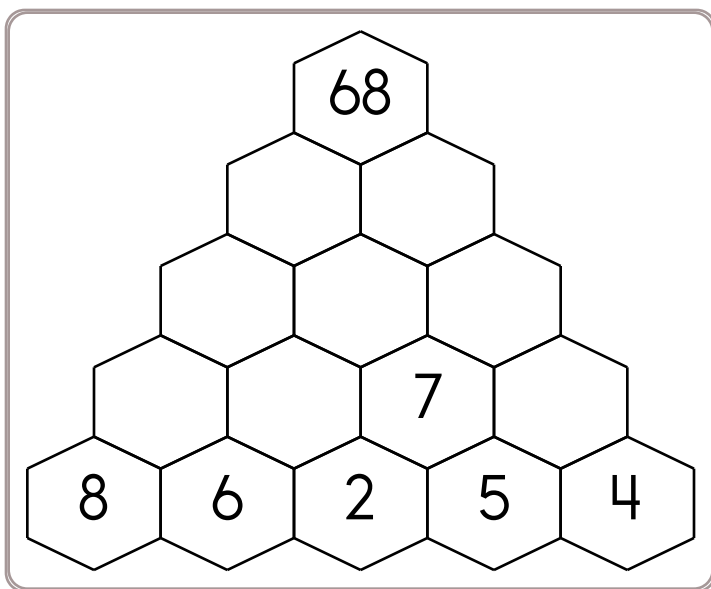
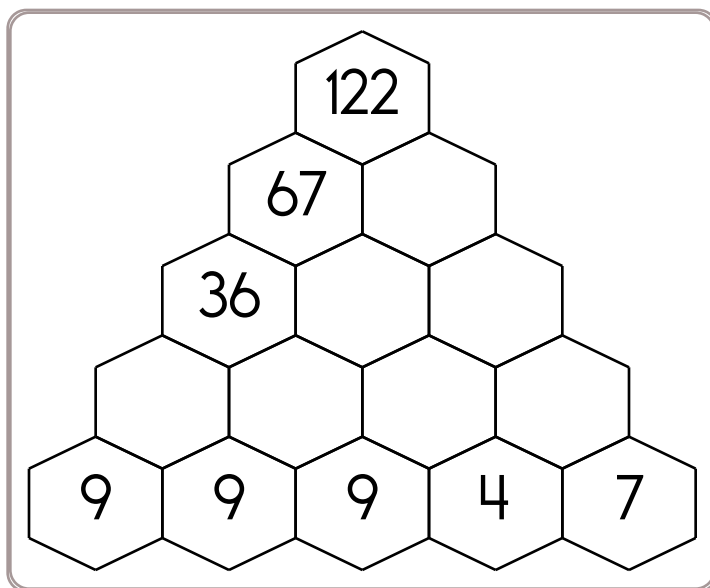
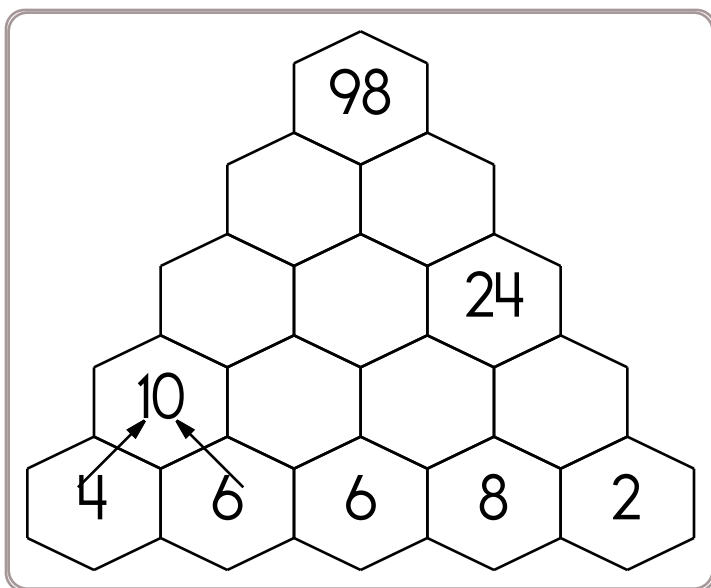
$$8 \times 11 = \underline{\hspace{2cm}}$$

Maria went to a restaurant. Her bill was \$24. She wanted to give the food server a 25% tip. The tip came to \$6.
Today her family went out. The bill was \$74. If her family wants to give the same 25% tip, how much will the tip be?



Name: _____

Fill in the blanks by adding the two numbers below each hexagon.



Name: _____

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

$$\frac{1}{2}$$

$$\frac{7}{8}$$

$$\frac{3}{5}$$

$$\frac{1}{3}$$

$$\frac{1}{7}$$

$$\frac{4}{6}$$

Name two of the above numbers that have a difference of $\frac{1}{6}$.

Use ALL of these digits, including the decimal point. Cross off a digit after you use it.

3

.

4

6

Write a number that is closest to 70.

Name: _____

Cross off the number that does NOT belong.

284, 251, 232, 220, 191, 164, 139, 116, 95, 76, 59, 44, 31, 20, 11

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

2, 3, 8, 10, 5, 18, 7, 26, 9, 34, 11, 42, 13, 50, 15

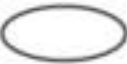










Why does _____ not belong in the pattern?

Name: _____

Each row, column, and box must have the numbers 1 through 6. The first box is done.

3	4	2			1
6	1	5			
		4			
				5	6
					2
1			3		

Each row, column, and box must have 6 different pictures.

Name: _____

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

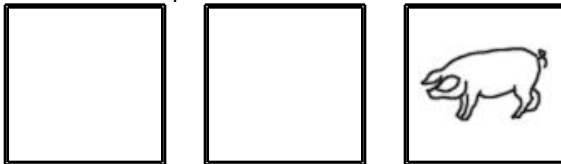


!Draw 1 of these 3 pictures.
!The picture IS in the correct spot.



!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 2 of these 3 pictures.
!None of those pictures are 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 in the correct spot.

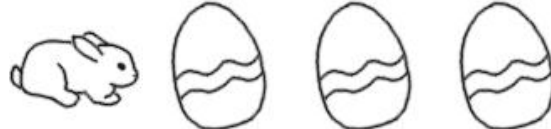
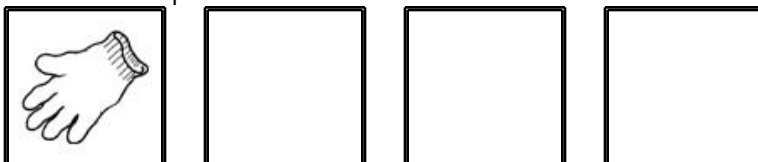


!Draw 1 of these 4 pictures.
!The picture is NOT in the correct spot.

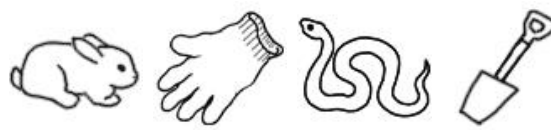


!Draw 2 of these 4 pictures.
!None of those pictures are in the correct spot.

Draw the 4 pictures in the correct order:



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



!Draw 2 of these 4 pictures.
!None of those pictures are in the correct spot.

Name: _____

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

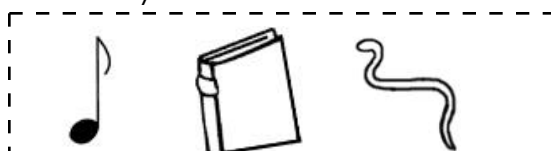
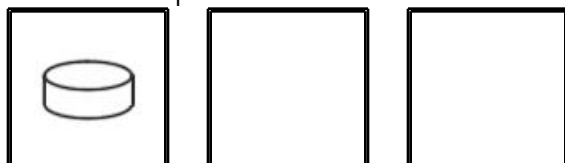


! Draw 1 of these 3 pictures.
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.
! The picture IS 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 2 of these 3 pictures.
! The pictures to use are 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.

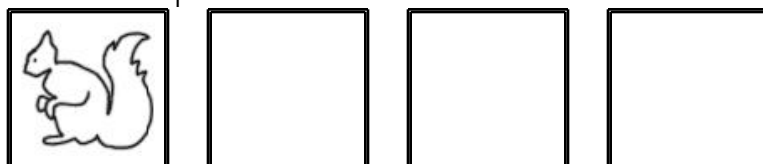


! Draw 1 of these 4 pictures.
! The picture IS in the correct spot.

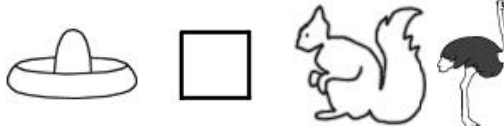


! Draw 1 of these 4 pictures.
! The picture is NOT in the correct spot.

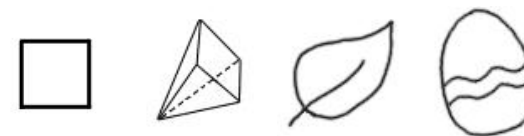
Draw the 4 pictures in the correct order:



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



! Draw 2 of these 4 pictures.
! None of those pictures are in the correct spot.



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

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 6.

Every row must contain the numbers 1, 2, 3, 4, 5, and 6.

Every column must contain the numbers 1, 2, 3, 4, 5, and 6.

In a cage with a plus sign, the given number will be the sum of all the digits in the cage.

In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.

19+	1-		4-	12+	
		3		4	2
3	4	8+		4+	4-
1-	18+	10+			
		3-		12+	
			3	6	6

Fill in the blanks. These equations are from the puzzle above.

$$6 + \underline{\quad} + \underline{\quad} = 12$$

$$4 + \underline{\quad} + \underline{\quad} = 12$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + 3 = 19$$

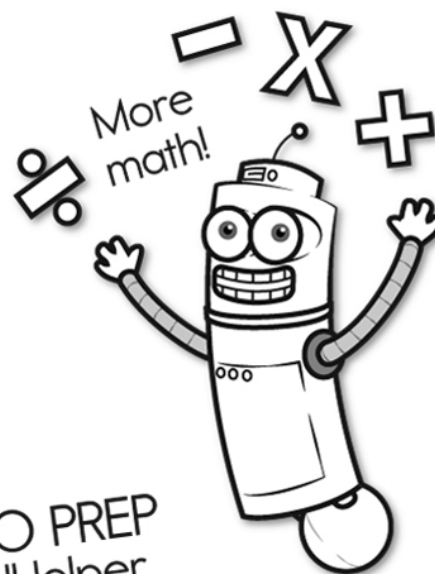
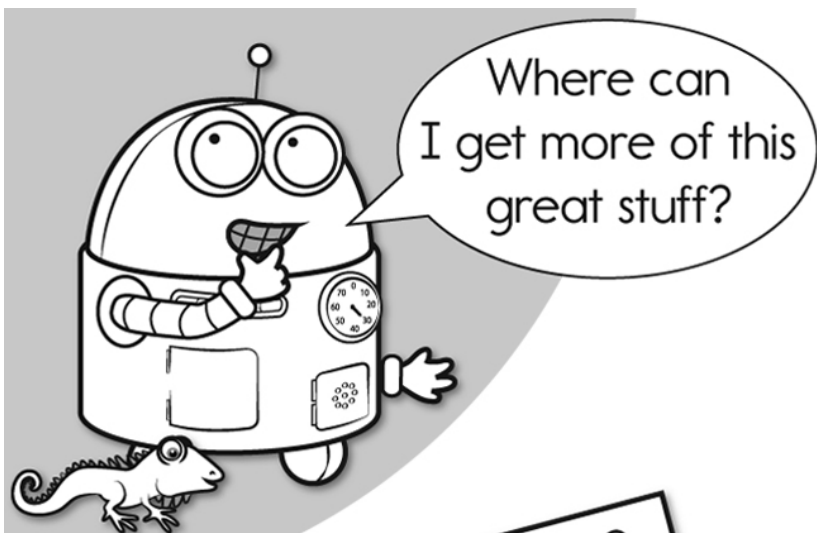
$$\underline{\quad} - 2 = 3$$

$$2 - \underline{\quad} = 1$$

$$1 + \underline{\quad} = 4$$

$$2 - \underline{\quad} = 1$$

$$\underline{\quad} - 1 = 4$$

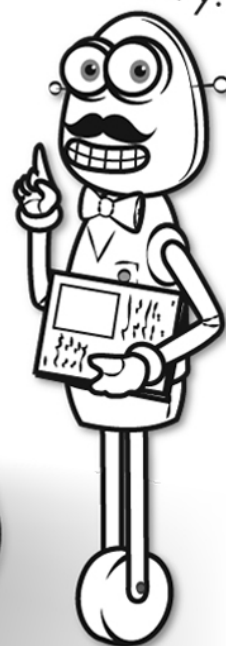


It's NO PREP
at edHelper.

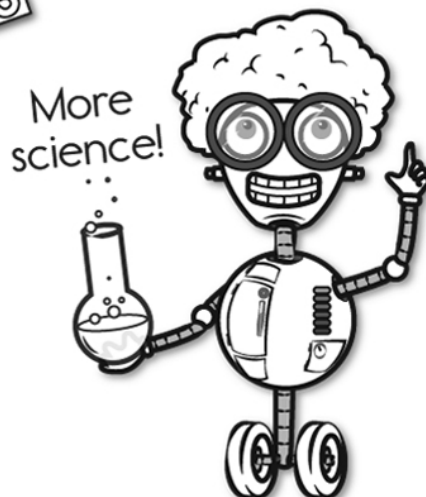
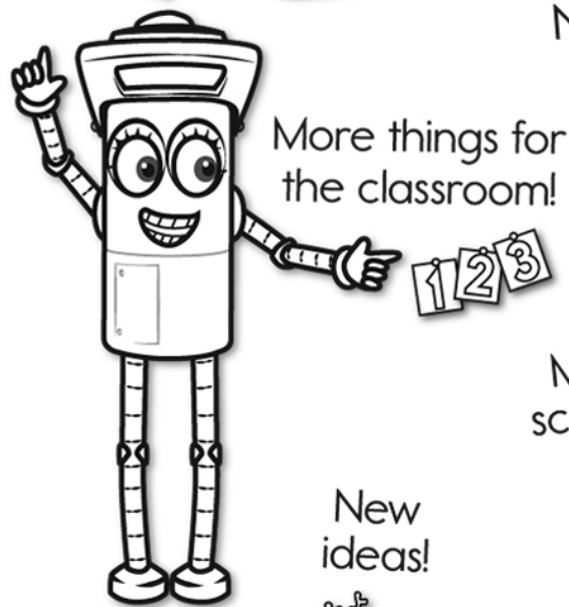
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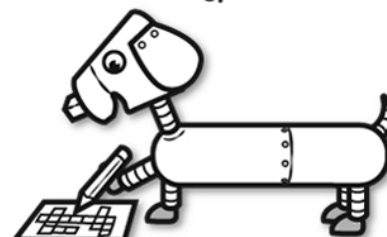


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ideas!



x
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- ÷
< >

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