Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5.

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

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

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.

4+ 1	2	2-	2-	5
	12+			6+
		4- 5		
3-	2-		4+	
2	5+	4	2-	

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

5 - ____ = 4   4 - ____ = 2

4 - ____ = 2   1 + ____ = 4

____ - 3 = 2   ____ + ____ + 3 = 12

3 + ____ = 4   ____ - 2 = 3

Name: _____

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

If

   1 , 4 = 4

   2 , 9 = 18

   3 , 14 = 42

   4 , 16 = 64

Then

   5 , 21 = ?

If

   4 , 3 = 12

   5 , 7 = 35

   6 , 9 = 54

   7 , 13 = 91

Then

   8 , 18 = ?

Complete each pattern. Write what the rule is.

199, 180, 162, 145, 129, 114, 100, 87, 75, _____, 54, 45

186, _____, _____, 132, 116, 101, 87, 74, _____, _____, 41, 32

Name: _____

April made some peanut butter brownies. It took her 15 minutes to get everything mixed and ready to go in the oven. The brownies had to bake for 25 minutes. She started making the brownies at 3:33 p.m. What time did the brownies come out of the oven?

Mary made a poster for Eye Safety Day. She divided the poster into four parts. One part was blue. One part was red. One part was green. One part was yellow. She put an equal number of pictures in each part. She used 36 pictures. How many were in each part?

Which digit is in the hundred thousands place in the number 936,758,142?

Write the number that this digit represents.

Rosa has 65 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Name: _____

Cross off the letter that does NOT belong.

V, Y, V, Y, Y, V, Y, V, Y, V, Y

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

$\frac{6}{9}$, 1, $1\frac{3}{9}$, $1\frac{6}{9}$, 2, $2\frac{3}{9}$, $2\frac{6}{9}$, 3, $3\frac{3}{9}$, $3\frac{6}{9}$,

4, $4\frac{3}{9}$, $4\frac{5}{9}$, $4\frac{6}{9}$, 5, $5\frac{3}{9}$, $5\frac{6}{9}$, 6, $6\frac{3}{9}$

Why does _____ not belong in the pattern?

Name: _____

Gavin is a beekeeper. Last year he got 24 quarts of honey from his hives. He sold 15 quarts and kept the rest for his family. What fraction of the honey did he sell? Write your answer in simplest form.

Anna made a huge sugar cookie 15 inches x 10 inches. She decorated it with red, white, and blue sugar to look like an American flag. She cut it into 3 inch x 2 inch pieces. How many pieces could be cut from the huge sugar cookie?

The polar explorers hiked $\frac{3}{4}$ of a mile across the frozen wilderness during the first hour. They saw three polar bears from a distance. During the second hour of their hike, they saw eight polar bears, but only hiked $\frac{2}{5}$ mile. How many miles did they hike in the two hours?

How many digits are in the current year?

_____

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

$$\begin{array}{r} 9\,7 \\ -\ 1\,8 \\ \hline \end{array}$$

Can 646 be evenly divided by 3? Circle:

646 is evenly divisible by 3

646 is NOT evenly divisible by 3

1 lb = 16 oz

16 lb = _____ oz

$$\begin{array}{r} 3\,8\,9 \\ +\ 2\,4\,8 \\ \hline \end{array}$$

Write a letter that has a line of symmetry.

_____

22 km = _____ m

Add the correct end punctuation for this sentence.
There is a gigantic spider crawling on your shoe

Name: _____

The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

P	F	L	E	X	I	B	L	E	R
M		S		C	S		H	T	M
P	R		Y	S		S	Y		G
R		P	L	Y		P	M	T	
	L	T		R	S		N		R
F	R		G		L			R	D
R	H		M		R	K	L	R	
S		D		W		Y	S		N
X	F	M		S	T		L	R	S
R	X	P	R		B		B	L	

ALTER • PREY • HUMOR • GARDEN
MUSIC • HYMN • FRUGAL • MIST
REPLY • SIDEWAYS • PROBABLE
SPEAK • TERROR • SUE • FLEXIBLE

30 ÷ 5 =

$$\begin{array}{r} 8\ 6\ 7 \\ -\ 2\ 8\ 4 \\ \hline \end{array}$$

Write the missing family fact.

26 + 43 = 69
43 + 26 = 69
69 - 26 = 43

_____

How many yards are in 15 feet?

_____ yards

Which is the smallest?

42.4 ÷ 4.7   42.4 ÷ 4.5   42.4 ÷ 4.6

18 ÷ 3 =

96 ÷ 8 =

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

Name: _____

Jenna has two favorite numbers. If you add her favorite numbers, you get 13. If you multiply her favorite numbers, you get 22. What are her mystery numbers?

_____

Five kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $60. How much is one kids ticket? How much is one adult ticket?

Can 744 be evenly divided by 6? Circle:

744 is evenly divisible by 6

744 is NOT evenly divisible by 6

How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.

Circle the smallest number:

71,342   806,954,589

7,306,124   73,281,960,596

Circle the word that best completes the sentence.

Please don't touch (their/there) project!

Jack invented a robotic bug. The bug can crawl five centimeters in twenty seconds. How long would it take the bug to crawl forty-two centimeters?

Write 97,736 in words.

_____

$12 \times 7 =$

Circle the digit in the tenths place.

8,342.78

Choose the word that best completes the sentence.

If I enter the math competition, will you enter, (to/too)?

Circle the conjunction in the sentence.

You can come to my house after school, or we can go to yours.

Name: _____

8 • 3 • 1 • - • 6 • 9 • = • = • 9 • 5 • - • 8 • 7 • 8 • 0 • 7
= • 9 • 0 • 6

Use the pieces above to help you fill in the runaway math puzzle.
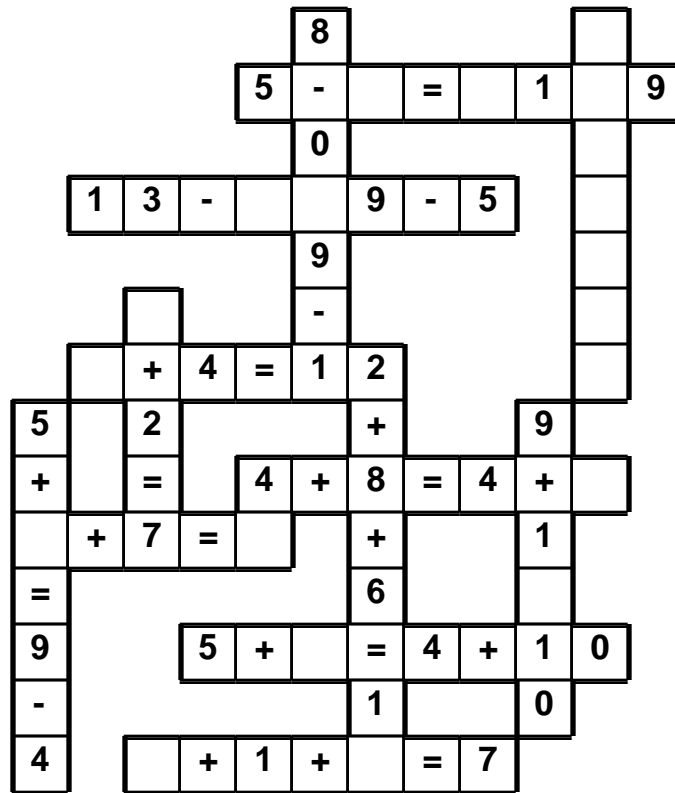
The circus is in town! Tickets are only $6 for kids. Adults need to pay double the price of kids tickets. Anna is bringing two of her friends in her class. Her mom is also coming. Anna wants to pay for everyone. How much will she need to pay?

For 5,341,794,854, write the digit that is in the hundred thousands place.

_____

What time is 13 hours after 3:00 a.m.?

_____

In the number 6,144,761,838, the digit 7 is in what place?

_____

Name: _____

Grace, David, Lauren, Jacob, and Christopher each have a car. This year, they each drove a different distance. The distances were: 2,648, 2,328, 2,429, 3,057, and 2,794 miles. The speedometer on each of the cars keeps track of the total number of miles the cars have been driven. The current speedometer numbers on the cars are 20,445, 21,678, 20,253, 20,963, and 22,257 miles.

Figure out how many miles each person drove their car for this year and the total number of miles that has been driven (the current speedometer reading).

1. The person that drove three thousand, fifty-seven miles this year does not have a speedometer reading of twenty thousand, nine hundred sixty-three.

2. The person that drove two thousand, four hundred twenty-nine miles this year does not have a speedometer reading of twenty thousand, two hundred fifty-three.

3. Grace drove more than 2,300 miles this year.

4. The combined total miles that Christopher and Grace have put on their cars, rounded to the nearest hundreds, is forty-two thousand, one hundred.

5. David drove one hundred forty fewer miles than Christopher this year, rounded to the nearest tens.

6. Lauren's current speedometer reading is neither twenty-two thousand, two hundred fifty-seven nor twenty thousand, two hundred fifty-three.

7. Jacob drove seven hundred more miles than Grace this year, rounded to the nearest hundreds.

8. The combined total miles that David and Jacob have put on their cars, rounded to the nearest hundreds, is forty-two thousand, six hundred.

Grace drove _____ miles this year. His or her car's speedometer reads _____ miles.

David drove _____ miles this year. His or her car's speedometer reads _____ miles.

Lauren drove _____ miles this year. His or her car's speedometer reads _____ miles.

Jacob drove _____ miles this year. His or her car's speedometer reads _____ miles.

Christopher drove _____ miles this year. His or her car's speedometer reads _____ miles.

Name: _____

$8\overline{)4976}$ $3\overline{)2382}$ $9\overline{)31095}$

---

36 + n = 50

---

10 + 4 x 10

Write $\frac{6}{9}$ in lowest terms.

It's 10:00 a.m. and Erin is getting ready for soccer practice. If practice starts at 6:15 p.m., then how much longer until soccer starts?

5, _____, 49, 392, 401, 3208, __, __

Round 5,705 to the nearest thousand.

Estimate quickly the difference.
7,180 - 1,130

It was 9 degrees above zero in the morning. By afternoon the temperature rose 18 degrees. How warm was it?

Yummy Donuts gave three dozen chocolate donuts and five dozen jelly donuts to the school. How many donuts did they give?

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 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 the 3 pictures in the correct order:

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 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 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: _____

Anna took home some pictures she drew at school. She found tape to put the pictures on the wall in her room. Each picture needed four pieces of tape. She used 60 inches of tape. Wow! That's a lot of tape. How many pictures did she put up. Oh, wait. You don't have enough information. Each piece of tape was 5 inches.

You get the area of a rectangle by multiplying its length by its width. If its width is 2 feet and height is 7 feet, then the area is 2 feet x 7 feet = 14 feet squared. Mary drew a square. She does not know how to calculate its area, but she calculated the perimeter to be 16 feet. "I just added all the sides together to get the perimeter. How do I get its area?" she asks.

How would you respond?

Eric drew a rectangle that is 6 inches by 15 inches. He wants to arrange some crackers on top of his rectangle. The crackers are each 2 inches by 3 inches. How many crackers can he place onto his rectangle without overlapping them?

Name: _____

Draw ONE continuous line that touches every box ONCE.
Count by 1.5s. Find the box with the number 4. Move up, down, right, or left.
Keep counting until you reach 85. Do not move into a spot with a ghost.

👻	👻	👻				
👻				5.5	4	
			13		10	
👻	👻	49			👻	
👻	👻					
👻	👻	👻		55		
👻	79					
		70				👻
	85					👻

Mary wants to call Ava. Ava is on vacation in Asia. It is a time difference of nine hours. Ava's time is always later than Mary's time. If it is 10:57 A.M. where Mary lives, then what time is it where Ava is?

_____

Circle the greatest number:

836,295

435,170,692

4,071,601,584

32,790

3 x 5 =

My big brother who plays basketball is <u>as tall as a giant.</u> ToDo:
Explain the meaning of the underlined phrase.

_____

Name: _____

Use each of the blocks to spell three different words.
Hint: The word shook is a word in the blocks.

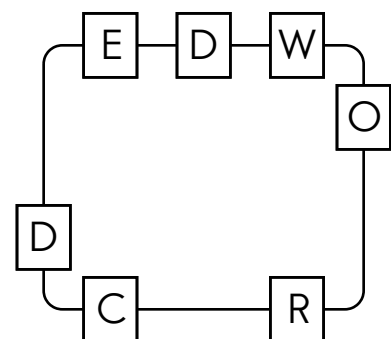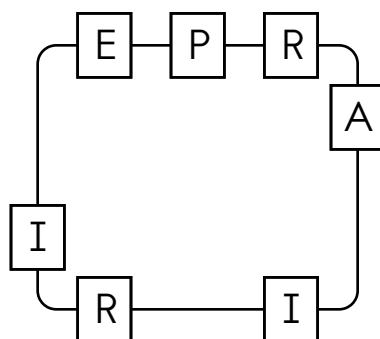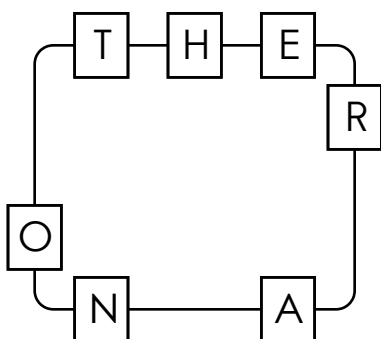| A	I		U	D		E		D		H		L
								O O		S H		K

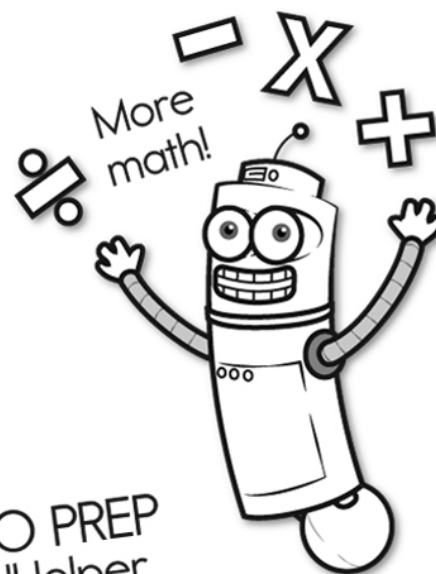1. | H | | | D | | |

2. | S | H | O | O | | ■ | 3. | M | | | N |
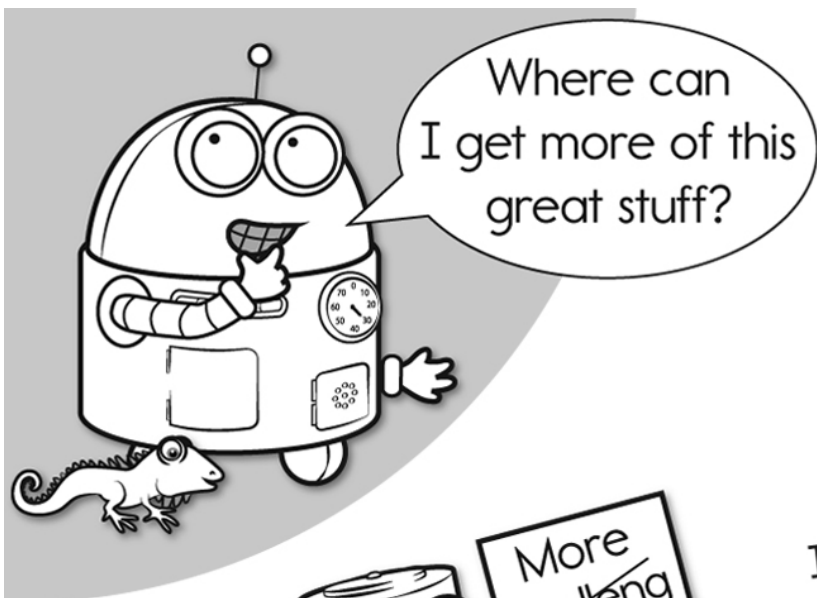
Try to spell some words.

er • bi • so • unf • eak • st • wi • ng • xt • gra • vi
ipe • re • ng • st • ce • sp • tt • on • gi • ay • air • xe
si • str • de

sent _____   _____   _____   _____

_____   _____   _____   _____

_____   _____   _____   _____

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.

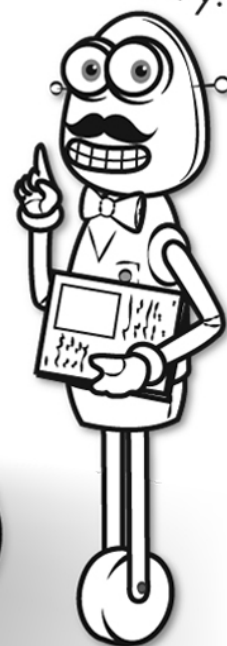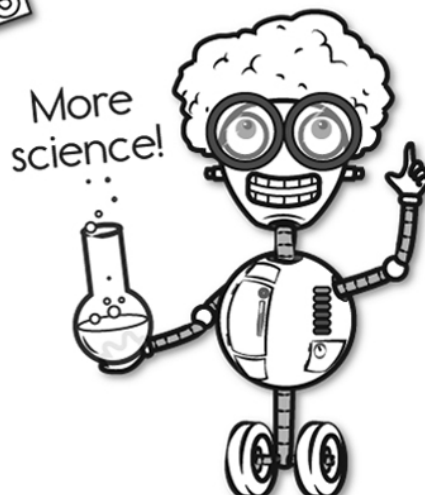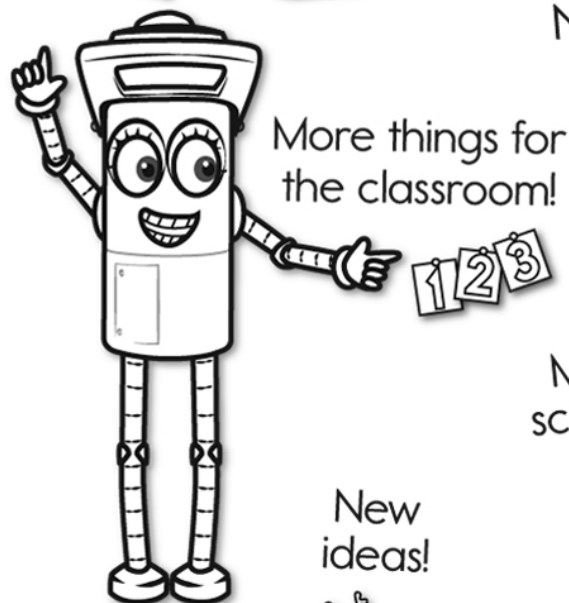| T	H	E
O		R
N	A	

E	P	R
I		A
R	I	

E	D	W
D		O
C	R	

_____   _____   _____