Name: The Floop family went to a hockey If a solution of MgCl is $\frac{3}{\mu}$ M, what will its game last weekend. They spent \$17 on food, \$38 on souvenirs, and \$16 on concentration be if it is diluted by 13%? drinks. What fraction of their Express your answer as a fraction. expenditures was spent on drinks? If there are nine million yeast cells per If lava flows out of Mount Gustaffson at a rate of 45 cubic meters per day, milliliter of growth medium in an experiment, how many will there be in how much lava will have flowed out two days when the cell population has after 3 weeks? quadrupled and then quadrupled again? Express your answer using scientific notation. Whoozits are weird. They can be Jessica is very competitive. She always broken into any fractional part desired makes it her goal to beat everyone and then later be reassembled without else's race time by at least four percent. She had a great race this harm. Sometimes even fractional parts week (she won) and met her goal. If of whoozits are shipped around the country to be assembled with other the person who came in second had a time of 1 hour and 38 minutes, what fractional parts to make new whole whoozits. SLUGCO had 38.055 would have been the slowest time whoozits they needed to ship to Jessica could have run the race? Timbuktu. Someone decided the Round your answer to the nearest easiest way to do it would be to put minute. the same amount of whoozits in each box. If they had fifteen boxes, how many whoozits would go in each box?

34 1 4	+40		-13				$-\frac{1}{2}$		
				$-3\frac{3}{5}$		+ 1/2		$+\frac{1}{2}$	
	+ 4 5		+8						
- 3 5					_	-27		+1-2-4	
	+35	$100 \frac{17}{20}$	-56		-9 <u>3</u>			10 <u>1</u>	
53 <u>1</u>	+ 1/2		+13		+9 3/10				
						- 1/2			
105 4	-23	128 4 5	+45		+8				
$-\frac{2}{3}$							-		
+ _6		+57		+2 1/10	164 <u>5</u> 6	+15		-36	143

Name: _

Zeeka has invented a new space vehicle to go from his home planet of Zomba to his friend's planet of Oomba. It is a fun ride! It can fly at a speed of 900 mph. How far will it go in 30 minutes?



In art class the teacher asked the class to make a rectangle.

"How big?" asked Erin.

Mrs. Walker is not just the art teacher, but she is also the math teacher. She loves to talk

numbers! "Well," she started. "I don't want to give you the exact size, but the ratio of the

height to width of your drawing should be 4 to 3. And please don't do 4 inches to 3 inches.

I've already done that!"

Erin wants to draw the rectangle. She wants to use as much of her $22 \frac{1}{2}$ by 6 paper as

possible. What size should she draw the rectangle?

36 ÷ 9 + 1	How many centimeters in 8.9 meters?	Estimate quickly the difference. 5,070 - 2,580
7, 2, g, 7, 2, g, 7, 2, g, 7, 2, g,, 2	E, K, G, N, I,, K, T, M, W	It was 83 degrees outside. What would the temperature be if it got 17 degrees colder?

word root **cor** can mean **with or together corrupt, corruption**

Name: _____

Kevin made cookies for Remembrance Day. He made $2 \frac{1}{3}$ dozen chocolate cookies, 1 dozen peanut cookies, and $\frac{1}{2}$ dozen oatmeal cookies. If he puts the same number of each cookie in each bag and has no cookies left over, what is the largest number of bags he can fill?	Wendy is dra mural of the r on black post with white cho uses up a stick at the rate of every eight m and she work mural from 8: until 9:58 a.m. many sticks of she use?	wing a night sky er board alk. If she k of chalk one stick ninutes, son her :54 a.m. , how f chalk will	Kevin reads very fast. Sometimes he isn't sure what he has read, he reads so fast. He can read 5.7 pages in 0.15 hours. How many pages can he read in 2 hours?		
What number is halfway between 6 and 14?	Circle the sma 5, 7,529, 61,42 678,2	allest number: ,903 ,816,340 27,845 293,105	33 ÷ 11 =		
Anne rolls a die. What is the chance of her rolling a 1?	490 <u>+405</u>	108 ÷ 12 =		28 <u>-15</u>	
How many yards are in 9 feet?	33 ÷ 11 =		8 x 2 =		
19 km = m	91,539 - 91,322 = _				

Name:						ŕ	
What number is halfway between 8 and 19?		24 ÷ 6 =		80 ÷ 8 =		43 +49	
The boys in your class each were given a ticket with a number on it. The numbers given out were: 17, 38, 32, 36, 25, 4, 14, 15, 37, 6, and 29. One ticket will be picked from a hat. What are the chances that the winning ticket number is divisible by 6?		3 x 10 =		12 x 11 =		927 <u>-411</u>	
Jacob took three n and multiplied them three and the other course, he forgot th remembered the p possible?	umbers grec . One numb r number wa ne last numbe roduct was 1:	ater than 1 er was is ten. Of er, but he 31. Is this	10 x 8 =		3 x 12 =	=	
5 x 3 =	Holly and A Holly says 2 Holly says 4 Holly says 3 should Amo	Amanda are p 25. Amanda re 6. Amanda re 36. Amanda is anda reply wit	playing a n plies that plies that plies that thinking. th?	number game t the answer is the answer is What numbe	2. 3. 4. er		

Name: _____ 28 ÷ 7 = _____ 10 x 2 = _____ 43,592 - 31,667 = _____ Sarah and her little sister. Rose, both have birthdays on the same day. Sarah is fifteen 6 x 6 = _____ years old. Rose is ten years old. Did you know that Sarah was once double the age of Rose? How many years ago was that? Which is the better buy? Five bags of candy for \$45 or 9 x 10 = _____ <u>3 x 4 = ____</u> seven bags of candy for \$56? 8 x 12 = _____ Fill in the missing operations to complete this equation: 962 - 855 = _____ 20 ____ 10 ____ 8 = 10 Write 555.235 in words. Can 623 be evenly divided by 9? Circle: <u>5 x 1</u>2 = _____ 623 is NOT evenly divisible by 9 623 is evenly divisible by 9

Name: .



The newspaper listed the daily high and low temperatures for four cities (Singapore, Anchorage, Los Angeles, and Lagos). The high temperatures were negative nine degrees Celsius, twenty-one degrees Celsius, twenty-nine degrees Celsius, and thirty-two degrees Celsius. The low temperatures were seventeen degrees Celsius, twenty-seven degrees Celsius, negative fourteen degrees Celsius, and eighteen degrees Celsius.

Figure out the high and low temperatures for each city.

- 1. Singapore's high temperature was not thirty-two degrees Celsius.
- 2. The difference between Los Angeles' high and low temperatures was four degrees Celsius.
- 3. The difference between Anchorage's high and low temperatures was five degrees Celsius.
- 4. Los Angeles' low temperature was not twenty-seven degrees Celsius.
- 5. Anchorage had the lowest low temperature of the day.
- 6. Lagos' high temperature of the day was warmer than twenty-one degrees Celsius.
- 7. Lagos' low temperature of the day was thirty-two degrees Celsius warmer than Anchorage's low temperature of the day.

Singapore had a high temperature of ______ and a low temperature of ______

Anchorage had a high temperature of ______ and a low temperature of ______.

Los Angeles had a high temperature of _____ and a low temperature of _____.

Lagos had a high temperature of _____ and a low temperature of _____.

For 68,237,132,372,433, write the digit that is in the hundred thousands place.

55 ÷ 5 = _____



Name:		*
13 + x = 49	What is the greatest common factor of 6, 18, and 33?	What is the least common multiple of 2 and 5?
What is the least common multiple of 3 and 4?	What is the least common multiple of 4 and 6?	What is the least common multiple of 5, 29, and 34?
x - 5 = 2 What is the value of x?	Is the least common multiple of 4 and 10 smaller, equal to, or greater than the greatest common factor of 4 and 10?	Write all the factors for the number 8.
11 - m = 2	What is the least common multiple of 12 and 15?	What is the greatest common factor of 9, 30, and 45?

Circle all of the n	numbers that are g	reater than 4.6.				
4 - 2	<u>-14</u> 2	<u>13</u> 4	<u>108</u> 24			
<u>24</u> 5	4 <u>3</u>	<u>19</u> <u>3</u>	<u>14</u> 3			
			_			
<u>19</u> 5	<u>-232</u> -48	<u>-9</u> -2	<u>5</u> 2			
11 010		11.0	11.00			
4.010	4.070	7.7	4.70			
Write each as a	decimal.					
	96% as	s a decimal is				
3 hundredths as a decimal is						
	$\frac{12}{10}$ as a decimal is					
	25.8% c	ns a decimal is	 S			

Solve for the unknown value. Hint: It is a positive whole number.

g + 53 = 102 g = _____

36 + g = 65 g = _____

30 + m = 72 m = _____

Max took a big bowl from the kitchen to see what kind of fun party mix he could create. He added $2\frac{1}{2}$ cups of Goldfish crackers, $\frac{5}{6}$ cup of pretzels, and $\frac{3}{4}$ cup of Cheerios. How much food is now in the bowl?

Example: Example: 0.9 + 28.6 + 9.6 + 3.2 = 42.3 5.8 + 9.6 + 2.3 + 14.4 = 32.19.6 2.3 2.3 Sample: 0.9 28.6 5.8 9.6 39.9 is the sum is the sum is the sum 3.2 3.2 14.4

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 28.6, 14.4, or 21.2. The other three numbers have to all be DIFFERENT and must be from these: 3.2, 2.3, 0.9, 4.6, 9.6, or 5.8.



This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Name: _

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 22.1, 16.2, or 19.5. The other three numbers have to all be DIFFERENT and must be from these: 7.6, 4.8, 5.4, 6.2, 1.4, 2.2, or 8.5.



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.

1-	16+				13+
	1- 5		1-		6
13+ 6		4-		3	
	5-		2-		2-
	5-	6	2- 18+		2-

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

6 + = 13	1 = 1
5= 4	+ 4 = 9
++++ 4 = 16	+ 2 = 3
1 = 5	5 ++= 18



