Whoozits are weird. They can be broken into any fractional part desired and then later be reassembled without harm. Sometimes even fractional parts of whoozits are shipped around the country to be assembled with other fractional parts to make new whole whoozits. SLUGCO had 32.7 whoozits they needed to ship to Timbuktu. Someone decided the easiest way to do it would be to put the same amount of whoozits in each box. If they had twenty boxes, how many whoozits would go in each box? Alex has a challenging training regimen. He trains for two hours every other day. Out of these two hours, he jogs for 15 minutes, stretches for 7 minutes, sprints for 3 minutes, rides a bicycle for 12 minutes, and lifts weights for 20 minutes. The remaining time he is resting. What fraction of his training time is spent resting?

Two objects (very tiny space ships actually) hit a wall. Object one applied a force of $\frac{9}{13}$ of a Newton to the wall, and object two applied a force of $\frac{6}{7}$ of a Newton. Prove which one applied the larger force. (force = mass x acceleration) Anne is monitoring the aircraft that fly over her house on their way to land at the local airport. Over the course of the week she counted 28 two-engine jets, 36 propeller driven planes, and 14 four-engine jets. Based on her data, what is the probability that the next aircraft to fly over will be a propeller driven plane?

The acceleration of gravity on planet X is five-eighths of that of Earth's moon, and the gravity on the moon is one-sixth that of Earth. If a block of wood weighs 30 pounds on Earth, what will it weigh on planet X?

Sara practices figure skating an average of 12 hours per week. Hannah practices figure skating an average of 1.3 hours for every hour Sara practices. How many hours a week does Hannah practice?

Name: _____

	Puzzle:					Work	Area:			
	Ew			81					81	
	6		J.	72		6			72	
		6	Ew	162			6		162	
	162	54	108	X		162	54	108	X	
The product for each column and row is given. Blanks use numbers 2 to 9 only.										

		Puz	zle:				Work	Area:		
	$\left[\right]$		A	336					336	
	A CONTRACT	$\left[\right]$	$\left \right $	147					147	
			$\left \right.$	105					105	
	105	168	294	X		105	168	294	X	
The product for each column and row is given. Blanks				C. C	<u>-</u>		D	=		
use nult		and row is given. Blanks use numbers 2 to 9 only.			>=		∩ =			

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.

8+	9+ 2	1-	9+	1-
16+	9+	1	6+	3
		1-		8+
6+	1–		3	

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

4 + = 10	<u> + + 2 = 9</u>
5 = 1	6= 1
+ 4 = 6	5 += 9
4 + = 8	++ 3 = 8

How many boxes measuring 11.6 cm on each side can be put in a crate that measures 4 m x 3 m x 13 m?	r. Thompson teaches English at Union High chool. This week his students are writing nericks to share on Limerick Day. He eaches 6 classes of 23 students each. A third his students are freshmen. How many are of freshmen?

NT----

At the mud factory, Purple's job is to scoop up mud and make it into kilogram blocks of mud. She loves her job! Today there were 687,974,025 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

Jen is really into science. She invented a robotic bug that burps. Her brother loved it, so she wanted to send the robot to her brother. She checked her phone, and her brother is currently 2.2 miles away. After she set the coordinates on the phone, the robotic bug left. She got a burp confirmation 132 seconds later when it reached her brother. How fast did this robotic bug travel in miles per hour? Round your answer to the nearest mile. Hint: Convert time to hours. Then divide the miles by the time in hours.



Name: ____





MathWorksheets.com Week of September 2

Name:		
42m = 2016	x 5 = 25 What is the missing number? N x 12 = 120 What is the value of N?	$\frac{N}{37} = 33$
Write all the factors for the number 8.	What is the greatest common factor of 22 and 18?	What is the greatest common factor of 9 and 15?
Use a protractor to draw an obtuse angle ∠DEF.	Use a protractor to draw a 60° angle.	An angle measures 121°. What would you call this angle?

MathWorksheets.com Week of September 2



Name:					Ă
Jack's Red Rover team $\frac{4}{5}$ of the games they played at the park last w If they won 20 games, h many games did they pl	won Mr. cre veek. cup now sod ay? cre	Martin is r am sodas. o of ice cr la. How ma am will he	making 24 ice He is using <u>3</u> ream in each any cups of ice need?	Erin used glass cont terrarium container $x - \frac{5}{8}$ feet it with dirt feet of dir	a rectangular rainer to make a on Quiet Day. The is 4 feet x 1.4 feet : She will fill $\frac{1}{4}$ of : How many cubic rt will she need?
Can 664 be evenly divided by 8? Circle: 664 is evenly divisible by 8 664 is NOT evenly divisible by 8			April is giving ou guess her favor some. Her favor The hundreds o digit. The three digits The tens digit is One digit in her Are you going	ut candy, bu rite number orite numbe ligit is 8 mor add up to f 4 more tha number is to get cand	ut you need to if you want r has three digits. re than the units fifteen. n the units digit. nine.
Anna rolls a die. What is the chance of her rolling a 2? 					412 <u>+483</u>
85 <u>-63</u> 96 ÷ 8 = 11 km =			m	9 x 11	=

Name: _____

3 x 7 =	983 - 236 =				8 x 3	} =	
Anne and her little sister, Megan, both ha birthdays on the same day. Anne is thirty years old. Megan is nine years old. Did know that Anne was once double the ag Megan? How many years ago was that?				5 2 5 1 6 1	5 	37 <u>+44</u>	
Megan makes a basket for every three attempts that she makes. April needs seven attempts to make a basket. Each			9>	(6 =		4 x 9 =	
basket is worth 2 points. If they each make 84 attempts, then what is the score?							
How many centimeter	s are in 80 millimeter	s?	Th	e product of	f two		
centimeters			consecutive whole numbers is 240. What are the two consecutive whole numbers?				
762 - 681 =							
1 kg = 1,000 g							
24 kg =	g						
(8 + 7) + 6 =		Circle	he c	ligit in the hu	undrec	ths place.	
		959.57	7				







The newspaper listed the daily high and low temperatures for four cities (Miami, Philadelphia, Sarajevo, and Los Angeles). The high temperatures were twenty-three degrees Celsius, twenty-eight degrees Celsius, sixteen degrees Celsius, and negative nine degrees Celsius. The low temperatures were twenty-two degrees Celsius, seventeen degrees Celsius, negative fourteen degrees Celsius, and four degrees Celsius.

Figure out the high and low temperatures for each city.

- 1. Sarajevo's high temperature of the day was colder than twenty-eight degrees Celsius.
- 2. The difference between Los Angeles' high and low temperatures was twelve degrees Celsius.
- 3. Sarajevo had the lowest low temperature of the day.
- 4. Miami's high temperature was not negative nine degrees Celsius.
- 5. Philadelphia's low temperature of the day was colder than twenty-two degrees Celsius.
- 6. The difference between Philadelphia's high and low temperatures was six degrees Celsius.
- 7. Los Angeles' low temperature of the day was eighteen degrees Celsius warmer than Sarajevo's low temperature of the day.

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

Philadelphia had a high temperature of _____ and a low temperature of _____

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

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

MathWorksheets.com Week of September 2



Name: _

Robot was given a math problem to solve.

Sara put her 15 best books on the 3 shelves by her bed. She put the same number of books on each shelf. How many books were on each shelf?

Robot wrote this program in Python to solve it.

variables
sara_best_books = 15
shelves = 3

calculation
books_per_shelf = sara_best_books // shelves

print("Number of books on each shelf:", books_per_shelf)

Robot's program will print the answer to the math problem. What will the program print out?



Hints and a Question To divide in Python / is used. print(15 / 2) would print: 7.5

// is called floor division in Python. When // is used, you also divide, but the quotient is rounded down to the nearest integer, and the remainder is dropped. print(15 // 2) would print: 7

What would this print? print(9 // 2)



MathWorksheets.com

Name:	
What is 22% of 400?	Amanda made a board game. The game has 50 spaces on it. She wants to color 34% of the spaces green. If someone lands on a green space, they get \$100. How many spaces on the board will she color?
There were 195 people at the fall fair, including 60 adults and 135 children. What percent of the people at the fall fair were not adults?	Find 128% of \$500.

MathWorksheets.com Week of September 2



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.



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

 $5 + _ = 7 \qquad - + _ + 5 + _ = 15$ $4 + _ = 7 \qquad 1 + _ + = 5$ $- + _ + + 2 = 12 \qquad - + 3 + _ + = 12$ $- + - + 5 = 10 \qquad - + 1 = 5$

Name:	
April and Emily each want to buy \$100 rugs for their rooms. Who will be able to buy it first?	Which amount of time is shorter? 9 hours or 490 minutes?
April has \$25 saved. She earns \$11 each week and plans to save it all for the rug. Emily has \$35 saved. She earns \$12 each week and plans to save it all for the rug.	350 minutes or 6 hours?
	8 minutes or 392 seconds?
	1 hour = minutes 1 minute = seconds
The grocery store sells 5 cases of Holly's Water for \$45. They also offer 2 cases of Cool Water for \$19. If you like both brands equally, then which brand of water is the better deal?	Mary cannot decide which of the following two clubs to join, so she wants to pick the club with the most girls. Which club should she join?
	The Earth Club has a total of 37 members. There are 5 more girls than boys.
	The Gamer's Club has a total of 39 members. There are 5 more girls than boys.



word root heli can mean spiral helix, helicopter

Sara rode her bike for 45 minutes. She went 8.7 miles. What is her speed in miles per hour? Round your answer to the nearest tenth of a mile per hour.

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 840 mph. How far will it go in 15 minutes? Round your answer to the nearest mile.

Write the decimal number for:

nine thousandths

Find 8% of 90.

Change $\frac{36}{75}$ to a	
decimal.	

MathWorksheets.com Week of September 2





word root vene can mean come convene,

convene, intervene



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

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: 6 ones, 9 ones, 1 one, 5 ones, or 2 ones.

The other three numbers have to all be DIFFERENT and must be from these: 8 tenths, 2 hundredths, 1 hundredth, 46 hundredths, or 9 tenths.



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: 7 tenths, 5 tenths, or 8 tenths. The other three numbers have to all be DIFFERENT and must be from these: 9 tens, 5 tens, 7 tens, or 1 ten.





word root intro can mean within introversion, introvert



Did you find that two are true? If not, look again! You should only mark TRUE if you are absolutely sure it is correct!



Did you find that two are true? If not, look again! You should only mark TRUE if you are absolutely sure it is correct!

$\frac{N}{8} = 7$	14y = 84	$\frac{80}{N} = 8$	

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.



Sudoku Sums of 6 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 6.											
He	Here is an example of a sudoku sum of 6: 2 4										
			8			5					
				1		6			5		
									3		
	7	2		3			8		1		
			1	7		2	3				
		4				8					
	9			2					4		
	8		6	4		9	1				
	2			5							

Write an equation to represent this:

The product of nine and ten is ninety.

40 ÷ 5 = _____ 12 x 2 = _____

MathWorksheets.com

Name:



QUIET





The letter O is in the word, but O is not in that spot.

ABCDEFGHIJKL

A list of letters will be given that have not been used. Good luck!



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

J R C E C V I I V Q E E R W Y U

UTMUVTGELDUVYCEZ

TAWNKIQUTULIIKIK

VTEISOUUEQIICCWV

ILIRCIQTTCQIDKTW

IUIETETTKRUECJQQ

Hint: There are no duplicate letters in the answer.



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

O S I R I A PA S I I RMALUTIY I SARGR PK B R I CK R R B B F O R D S K B U I S E U Y E J I B R V I C L N R K R E R S R L A E E S R C I K G S P R O U D N F A D S E A E K G P C T I C C S E S A I K J I S K K Q O S U R







(Hint: There are no duplicate letters in the answer.



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

E P R D D E J B NGJ L J E U R E P D D P D S G U E S U G E G L J D C E R W Z V Y T E O G G G U D D L C E I G O D L M K E U U P R E J U C O S V U O S F U L C G R K U E U N C L E U S E L E U D F G E P S G E G E S R C J U D G E R





Ea Hir dc	Sudoku Sums of 10 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 10.									
He	Here is an example of a sudoku sum of 10:									
			6					1		
	3	5		6	1		· · · · · · · · · · · · · · · · · · ·		4	
					3		5		6	
	5		2	7					1	
	7		· · · · · · · · · · · · · · · · · · ·	2			9			
					8				2	
		8	4						7	
	1						2			
		······	7	1		8		6	9	

Find 60% of 240. 934 + 62

Write the decimal number for: eight hundredths

= 12





Additional hints:



Solve:





