Name:	
Wendy is trying a new fuel formula in her go-kart. In her first trial, fuel mixture A resulted in a maximum speed of 24 miles per hour on a flat smooth road. On the same road, mixture B resulted in a maximum speed of 40 miles per hour. Mixture B appears to increase the maximum speed of the go-kart by what factor? Express your answer as a ratio of speeds.	What is the probability of choosing a heart from a standard deck of 52 randomly arranged playing cards?
A local artist has made a temporary painting on the concrete surface of the school playground. It completely covers a 48 by 54 ft square area of the playground. If 29% of the painting is blue, and 40% is red, how many square feet of the painting are neither blue nor red?	Jack won 88 percent of his wrestling matches this year and came in third at the state tournament. If he competed in 37 matches over the course of the season (including the state tournament), how many did he lose?
Hunter does not know the answer to two questions on a multiple choice exam. The first question has five choices and the second question he does not know has seven choices. What is the probability that he will get both questions wrong?	Mary has a window cleaning business. She just won a contract to wash the windows on the Zooper building in downtown Mathville. It has one hundred six 3 ft x 5 ft windows. If she can wash the windows at an average rate of 6.6 square feet per minute, how long will it take her to wash the windows on the entire Zooper building?

There is 1 prime number greater than 19 but less than 29. What is this number?

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 400,300,705 milligrams of mud trucked in. Each mud block is precisely 1 kilogram, no less, no more. How many mud blocks can she make today?

Name: _

Draw a line from START to END.

464 108 424

25

Cross out the number you use above and then write it below.



Name:					
Emma went to the bakery to buy cookies for the tea party. The cookies she wanted cost \$1.28 per 1/2 dozen, \$2.39 per dozen, or \$0.25 each. She wants to buy 8 cookies. How much less would it cost to buy 1/2 dozen plus 2 cookies than it would to buy one dozen cookies?	The circus s p.m. It will to minutes to v circus. Who she leave h be there wh circus starts	starts at 6:00 ake Maria 14 walk to the at time should er house to hen the s?	Justin wants to make a pyramid to use in his display for Newspaper in Education Week. He is making the pyramid with triangles. Each triangle has a perimeter of 25 inches. Two sides of the pyramid are 10 inches and 8 inches. How long is the third side of the triangle?		
1 lb = 16 oz 25 lb = oz	3 x 10 =	Amy rolls the chanc on one die other die?	two dice. What is te of her rolling a 4 e and a 4 on the		
Circle the smallest number: 20,356,497,870 23,565,019 7,268,341 401,789	8% of 100 is 8% of 200 i 8% of 500 i What is 8%	s 8. is 16. is 40. of 600?	205 <u>+369</u>		
19 cm = mm					
How many ounces are in 4 pound	ds?	Sarah rolls a die chance of her	e. What is the rolling a 3?		

What number is halfway What time is 13 hours after between 14 and 29? 4:00 a.m.? 18 ÷ 3 = Two books cost \$8. At that 577 37 31 rate, what is the cost of 6 - 560 books? + 4 3 4 Can 612 be evenly divided by 12? Circle: Anne got a new soccer shirt. Can you guess the number 612 is evenly divisible by 12 on the back of her shirt? 612 is NOT evenly divisible by 12 It has two digits. The digits add up to 12. The larger digit is 6 more than the smaller digit. The number is odd. Ava is going to roll two dice. What is the chance that her total 324 + 774 = . will be either 7 or higher on her first roll? $27 \div 3 =$ _

Name:

MathWorksheets.com Week of December 18

Name:					
The vowels are missing in the wo Fill in the missing vowels and circle	rd search. e the words.	47,816	- 19,399 =		
F T L T D B N E	C S C T				
TLRN SC PPTH	N S				
G I S K R	V F				
RGT L OMS	N T T R B				
T R TR Y Y IFF	R D				
G R D	F D				
DISTRUST • AFFORD • SEVE INTEGRITY • BACHELOR • I FOLIAGE • TERRITORY • CO TOUR • STAFF • GUARD	R LONESOME ONTENT				
Write an equation to represent t The product of eight and six is fo	his: rtv-eiaht.	527 + 51	8 =		
The letters C and T each have a line of symmetry. Name another letter	(6 + 3) + 8 =	=		4 x 2 =	
between C and T that has a line of symmetry.					
For 78,117,009,492,601, write the digit that is in the hundred thousands place.	8 ÷ 4 =		11 x 3 =		





Name:

This week, from Sunday until Wednesday, the school drama team sold adult and student tickets to their play. The person in charge of selling the tickets kept a record of the number of adult and student tickets sold on each day. However, she forgot which day the tickets were actually sold. She knows how many adult tickets were sold (seventeen, three, four, and five tickets) and how many student tickets were sold (twenty-one, forty-five, eighteen, and thirty).

Figure out how many student and adult tickets were sold on each day.

- 1. On the day that four adult tickets were sold, the sum of the student and adult tickets sold is a multiple of five.
- 2. The student seats sold on Sunday must be split up into groups that are all the same size.

If the minimum group size is two people and the maximum group size is eight people, then based on the number of tickets sold on Sunday only two different group sizes were used.

- 3. A composite number of adult seats was sold on Tuesday.
- 4. The least common multiple of the number of adult seats sold on Sunday and Monday is eighty-five.
- 5. The greatest common factor of the number of student seats sold on Monday and Wednesday is six.
- 6. A prime number of adult seats was sold on Sunday.
- On Sunday a total of ______ adult tickets and ______ student tickets were sold.
- On Monday a total of ______ adult tickets and ______ student tickets were sold.
- On Tuesday a total of ______ adult tickets and ______ student tickets were sold.
- On Wednesday a total of ______ adult tickets and ______ student tickets were sold.

Name: _____





(word root form can mean shape formation, uniform

Name: _____

How large is the angle? First, make a guess and write your estimate in degrees.

Then, actually measure it to see how close your guess was.



Name: _

Emma got a summer job working on an app where people post pictures of their pets. This week they had 10,000 pictures posted. Of those pictures, 47% were dogs. How many pictures of dogs did they get this week?



 $\frac{10}{20} =$

 $2 \times 2 \times 2 \times 2 = 2^{x}$

What is the value of x?

10 - 2 + 11 - 7 + 2

(8 + 13) + 3 = 2(v + 10)

What is the value of v?

What is the remainder of 91 divided by 16?

p - \$58 = \$37 What is the value of p?

 $5 \times 8 =$ _

Name:

What's in the Box?

Read the words on the left then match the letters with the correct synonyms in the clues. Put the clues together and solve the mystery of what is in the box.

A =sorrow	Clue 1:	rope	scare	scare	filled	height	scare	
B=cable		b	e					
C =trash								
D = somber	Clue 2:	comply	noise	thanktul	old	scare	serious	
E =startle								
F =ajar		hala		ald	noiro	wasta		hoight
G =antique	Ciue 3.	neip	woe	Old	noise	wusie	woe	neigni
H=normal								
I =clamor	Clue 4	serious	noted	rule	0070			
K =glance		3011003	nored	T GIC	guze			
L =stature								
M = support	Clue 5:	open	height	woe	rule	typical	scare	rule
N =grateful		I	5			71		
S =reign								
T =packed								
U =famous								
W =obey								

What's in the Box?

Emily is a family friend. She will be picking you up from school and driving you to a pizza place. Where should she go? Write instructions to explain how she could get there and where you will be going.	80 ÷ 8 =	



