MathWorksheets.com Week of November 21

\$00

Get a fidget spinner! Spin it.

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

Find the LCM using the Birthday Cake method.







Name:

According to one survey, 93.6% of people said they just couldn't let it go when someone hurts their feelings. If the survey included 2,000 people, how many of them said they can't let go of their hurt feelings? Consider a piece of paper in the shape of a parallelogram - any parallelogram. How can this piece of paper be used to prove the formula for the area of a triangle?

Anne can't wait for her friend to visit.

"As soon as you leave the airport, drive 34 miles to exit 5," says Anne.

"I don't think you mean miles. They use kilometers here," says Wendy.

Help Anne tell Wendy how many kilometers to drive. Use 1 mile = 1.6 kilometers.

In each group, circle the number that has the greatest value, and put a square around the number that has the least value.

3 ²	3 ³	3 ¹	
4 ⁴	Ц ³	4 ⁵	

Name: .

Anna likes to multiply a number by itself. Why? Nobody knows!

"If I take my favorite number and multiply it by itself, the product will be only 14 away from

39. Can you guess my favorite number?" asks Anna.

 $3 \text{ pearls} = \frac{1}{8}$ of a smile

pearls = $\frac{1}{4}$ of a smile

Name:		
Hannah wanted to clean out her fish tank. Her fish tank was 2.5 feet long, 1.5 feet deep and 1.4 feet wide. Eighty-seven percent of the volume of the tank was filled with water. What was the volume of the part of the tank that was not filled with water? Round your answer to the nearest hundredth.	It is estimated that there are 8,000 trees in the state forest. Most of them have leaves that change colors in the fall. Dynamite Developers would like to remove 15% of the trees to have room to build an apartment complex! How many trees will be left after Mr. Dixon builds the apartments?	Mr. Allen has a truck garden and raises a variety of vegetables. Last year he used 10.6 acres of his land for squash. He planted zucchini on 6.04 acres of that land. How much land was left for other kinds of squash?

Rewrite these in incre 711 km, 771 dm, 1 cm,	asing order of le 188 m, 61 mm	ength:	Can 704 be evenly divided by 5? (704 is NOT evenly divisible by 5 704 is evenly divisible by 5	Circle:
28 ÷ 7 = 18 ÷ 6 =	46 +36	Circle 6,848.8	the digit in the tenths place. 3919	
787 + 424 =				

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Name:

11 x 7 =	349 <u>+290</u>	Amy She k numb but sh the o How comb ten o	cannot o nows tha pers are: 1 ne canno rder of th many diff pinations o f them.	pen her t the thr 6, 17, ar t remen ne numb erent are ther	r locker. ree nd 36, nber pers. e? List	54 <u>-30</u>
951 - 258 =		7 x	5 =		1 kg = 1,000 17 kg =	0 g g
88 ÷ 11 =	What number between 22 a	is halfwo nd 41?	ау	13 cm =	=	mm
(5 + 7) + 8 =		439 + 2	234 =			
424 <u>- 184</u> 6>	(4 =	Jacob and m and th he for remer possib	took thro nultiplied t got the lo nbered the le?	ee numk hem. O number ast numk ne prod	oers great ne numbe was ten. (ber, but he uct was 179	er than 1 r was six Df course, 7. Is this
How many yards are in a	b feet?		Write a	n equat	ion to repr	resent this:

L

Name:



Can you draw ONE line going through ALL the circles? Your line can go left, right, up, or down. It cannot go diagonally. Your line cannot cross over any part of the line you have already drawn.

You MUST TURN in a BLACK circle. Do NOT TURN in a WHITE circle.

The puzzle on the left shows a correct line going through all the circles.

Finish the line:



Finish the line:



The equation $20 \times 35 + 33 = 733$ uses three different numbers and two different equations.

Make up your own equation which also has three different numbers and two different equations. The answer to your equation needs to be 15.







N

Name:		
Jose, Aaron, James, and Samue and one sister (Brianna, Emily, Ar	el each have one brother (Michael, No nna, and Morgan).	athan, Luis, and Tyler)
Who is each person's brother ar	nd sister?	
1. Samuel played with his broth	ner Tyler outside.	
Jose went to the mall with h with Jose as well.	nis sister, but not with his brother. Nath	nan and Michael went
3. Aaron invited Brianna and A	Anna over to his family's house for dir	nner.
4. James played with his broth	ner Nathan outside.	
5. Aaron is older than his sister	Morgan.	
6. Luis helped his sister Emily w	ith her homework.	
7. Jose's sister and Anna were	e talking on the phone. They are not ir	n the same family.
8. James is younger than his si	ister Anna.	
Jose's brother is	and Jose's sister is	
Aaron's brother is	and Aaron's sister is	
James' brother is	and James' sister is	
Samuel's brother is	and Samuel's sister is	
For 940,791,341,300, write the digit that is in the ten thousands place	How many dimes make \$1.70?	80 ÷ 8 =
		4 x 12 =

14 ÷ 2 =	Circle the addition property for 41 + 95 = 95 + 41. associative property commutative property	60 ÷ 5 =	
	vord root ultra can mean bevond	ultrasonic	

I





Name:	
April picks a number between 1 and 5. Hannah picks a number between 1 and 5. What is the probability that they both picked the same number?	For each challenge below, make a fraction by picking any 2 of these numbers: 9, 8, 6, or 7. a. What is the smallest possible fraction you can make? b. Now write a different fraction that is
	larger than your smallest possible fraction.
	c. Subtract (a) from (b).
The students chases for the class play were	Mandy is also in a FastDainte an bar abana
posted. All of the students in the play are in Mrs. Anderson's class and were born in months with exactly 30 days. For each student, write whether they are in the play, might be in the play, or are not in the play.	She started with 130 points. She hit the triple-your-points zapper. Then she hit the +52 star right before her game ended. How many points did she end up with?
Anne is in Mrs. Anderson's class and was born on November 6.	. Tenna is plaving EastPoints on her phone
Ava is in Mrs. Thomas' class and was born on January 17.	She hit the double-your-points zapper. Then she hit the +76 star right before her game ended. She ended with 282 points. How
Gavin is in Mrs. Anderson's class and was born on September 8.	many points did she start with?
Max is in Mrs. Anderson's class and was born on May 7.	
Alex is in Mr. King's class and was born on July 1.	

- ACROSS
- 1. One more than 1-Down
- 3. Two less than 8-Down
- 4. Nine more than 3-Across
- 9. 8-Down plus 3-Across

11.
$$4 + 4 = 2 x$$

- 12. 4-Across plus 10-Down
- 13. Three times 4-Down
- 15. One-third of 17-Across
- 16. One-fourth of 6-Down
- 17. 5-Down plus 3-Down

DOWN

- 1. Seven less than 10-Down
- 2. Seven times 4-Down
- 3. Seven less than 5-Down
- 4. One-eighth of 4-Across
- 5. Nickels in ten dollars
- 6. Six less than 4-Down
- 7. Nine more than 1-Down
- 8. One more than 5-Down
- 10. One-third of 8-Down
- 14. Three more than 1-Down



Amy and her little sister, Wendy, both have birthdays on the same day. Amy is sixteen years old. Wendy is eleven years old. Did you know that Amy was once double the age of Wendy? How many years ago was that?



Name:		
Robert Burns was born on January 25, 1759. Which birthday will be celebrated on January 25, 2022?	Jason bought 4 hamburgers for and 2 orders of french fries for 5 What was the total cost of his pu	\$1.46 each \$0.83 each. rchases?
If Connor's room is 6 meters long and 4.6	Mr. Moore teaches English at Uni	on High
meters wide, how many square feet of carpet will he need to cover the whole floor? Round your answer to the nearest tenth.	School. This week his students are limericks to share on Limerick Da teaches 4 classes of 28 students of his students are freshmen. How not freshmen?	e writing iy. He each. A third w many are
Here is a pattern of letters:	24% of 100 is 24.	
XJXRXJXRXJX	24% of 200 is 48. 24% of 500 is 120.	
What letter will be the 30th term in the	What is 24% of 600?	
pattern?		

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Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!



- CLUE A: Color in 4 consecutive boxes.
- CLUE B: Color in 4 consecutive boxes.
- CLUE C: Color in 4 consecutive boxes.
- CLUE D: Color in 4 consecutive boxes.
- CLUE E: Color in 2 consecutive boxes.
- CLUE F: Color in 3 consecutive boxes. Then color at least one blank. Then color in 3 consecutive boxes..
- CLUE G: Color in 7 consecutive boxes.
- CLUE H: Color in 7 consecutive boxes.
- CLUE I: Color in 7 consecutive boxes.
- CLUE J: Color in 4 consecutive boxes.
- CLUE K: Color in 4 consecutive boxes.
- CLUE L: Color in 4 consecutive boxes.
- CLUE M: Color in 4 consecutive boxes.

- CLUE N: Color in 4 consecutive boxes. Then color at least one blank. Then color in 4 consecutive boxes..
- CLUE O: Color in 4 consecutive boxes.
- CLUE P: Color in 4 consecutive boxes.
- CLUE Q: Color in 4 consecutive boxes.
- CLUE R: Color in 6 consecutive boxes.
- CLUE S: Color in 6 consecutive boxes.
- CLUE T: Color in 5 consecutive boxes.

Name:



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

Each row. column. and box must have the numbers



Complete each pattern. Write what the rule is.

369165, _____, 165369, 653691, 536916, 369165,

691653, 916536, 165369, 653691, 536916, 369165, 691653

_____, _____, 52579, 25795, 57952, 79525, 95257,

52579, 25795, _____, 79525, 95257, 52579, 25795

Complete each pattern. Write what the rule is. HINT: The first three numbers in each pattern are random numbers.

6.5, 5.2, 8.8, 20.5, 34.5, 63.8, 118.8,

217.1, 399.7, 735.6, 1352.4, _____, ____, ____,

11.7, 16.5, 3.1, 31.3, 50.9, 85.3, 167.5,

303.7, 556.5, 1027.7, 1887.9, 3472.1, _____, ____



