




















Name: \_\_\_\_\_

Puzzle:

	8			8	36
					32
					54
	8			8	50
8	8				39
40	30	57	41	43	+


Work Area:

	8			8	36
					32
					54
	8			8	50
8	8				39
40	30	57	41	43	+

The sum for each column  
and row is given.



= \_\_\_\_\_


 = \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_

 = \_\_\_\_\_

Round 61,660 to the  
nearest hundred.

It was 2 degrees below  
zero in the morning. By  
afternoon the temperature  
rose 24 degrees. How  
warm was it?

How much time is it from  
8:00 a.m. to 10:55 a.m.?

A, F, \_\_\_\_\_, P, U, Z

It was 3 degrees above  
zero in the morning. By  
afternoon the temperature  
rose 17 degrees. How  
warm was it?

Write  $\frac{4}{8}$  in lowest terms.

Name: \_\_\_\_\_

Circle all of the numbers that are less than 7.7.

$$\frac{17}{3}$$

$$\frac{152}{20}$$

$$\frac{43}{6}$$

$$7\frac{1}{8}$$

$$\frac{17}{2}$$

$$7\frac{2}{4}$$

$$\frac{28}{4}$$

$$\frac{29}{4}$$

$$\frac{322}{42}$$

$$\frac{40}{5}$$

$$7\frac{1}{3}$$

$$\frac{15}{2}$$

7.09

7.0160

7.9

7.110

Write the reciprocal.

$$\frac{14}{11}$$

Write the reciprocal.

19

Write the reciprocal.

$$\frac{20}{13}$$

Know how many inches in a foot? Okay, smarty pants, how many inches in 9 feet?

Round 5,306 to the nearest thousand.

It was 2 degrees above zero in the morning. By afternoon the temperature rose 19 degrees. How warm was it?

15 km = \_\_\_\_\_ m

124 + 727 = \_\_\_\_\_

8 x 7 = \_\_\_\_\_

Name: \_\_\_\_\_

The (make-believe) country of Slowmonia is always super slow. But they are hard working, and after 20 years of research, the country of Slowmonia launched a rocket into space to land on Pluto. It is slow! It travels 2.722 kilometers in a month. How far will it travel in 40 years?

A toy car can go 4 mph. How long would it take to go 5 miles?

$$6 \div \frac{1}{9}$$

It was 90 degrees outside. What would the temperature be if it got 25 degrees colder?

55, 60, 65, \_\_\_\_\_, 75,  
80

Draw a number line with 0,  $\frac{1}{2}$ , and 1. Show where  $\frac{5}{10}$  would go. Is  $\frac{5}{10}$  closer to 0,  $\frac{1}{2}$ , or 1?

What 6 coins add up to 56 cents?

Name: \_\_\_\_\_

<p>Alex's father is a police officer. He works from 8:30 a.m. until 3:00 p.m. for four days each week. How long does Alex's father work in a week?</p>	<p>Eric played for his high school team last year. He hit a home run one-seventh of the times he was at bat. He was at bat 42 times. How many home runs did he hit?</p>	<p>There are 26 students in the Art Club. They all plan to enter a painting in the Mills River Art Contest. Of that number, 30% procrastinated and didn't have a picture completed. How many students have pictures to enter?</p>
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Amy got a new soccer shirt. Can you guess the number on the back of her shirt?  It has two digits. The digits add up to 12. The larger digit is 4 more than the smaller digit. The number is even.	$36 \div 4 = \underline{\hspace{2cm}}$	Wendy rolls a die. What is the chance of her rolling a 2?  <u>  </u>	
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$\begin{array}{r} 55 \\ - 35 \\ \hline \end{array}$	<p>Write 5,728 in words.</p> <p>_____</p>	
	<p><math>60 \div 5 =</math> _____</p>	<p><math>20 \div 4 =</math> _____</p>

Name: \_\_\_\_\_

$(9 + 8) + 6 =$	$\begin{array}{r} 651 \\ - 544 \\ \hline \end{array}$	Seven-eighths of the children in Young's class want to go outside. If Young agrees with the majority, will the class stay inside or go outside?
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$12 \times 7 =$ _____	How many feet are in 36 inches? _____ feet
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$15 \div 5 =$ _____	What number is halfway between 9 and 26?	$55 \div 5 =$
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<p>Rosa likes to change numbers into a secret letter form. Rosa changed the number 92,922 to GGGGG. Rosa changed the number 662 to GGG. Rosa changed the number 63 to GG. Rosa changed the number 951,218 to GGGGGG. How do you think she would change the number 9,175?</p> <p>_____</p>	<p>Can 506 be evenly divided by 11? Circle:</p> <p>506 is evenly divisible by 11</p> <p>506 is NOT evenly divisible by 11</p>
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$71,354 + 21,626 =$ _____	<p>Peter took three numbers greater than 1 and multiplied them. One number was six and the other number was ten. Of course, he forgot the last number, but he remembered the product was 277. Is this possible?</p>
<p>Circle the addition property for <math>56 + 187 = 187 + 56</math>.</p> <p>commutative property</p> <p>associative property</p>	

Name: \_\_\_\_\_

1 lb = 16 oz	Write an equation to represent this:  The difference between eleven and three is eight.  _____
10 lb = _____ oz	

Circle the digit in the tenths place.  2,422.451	44 ÷ 4 = _____	12 x 3 = _____

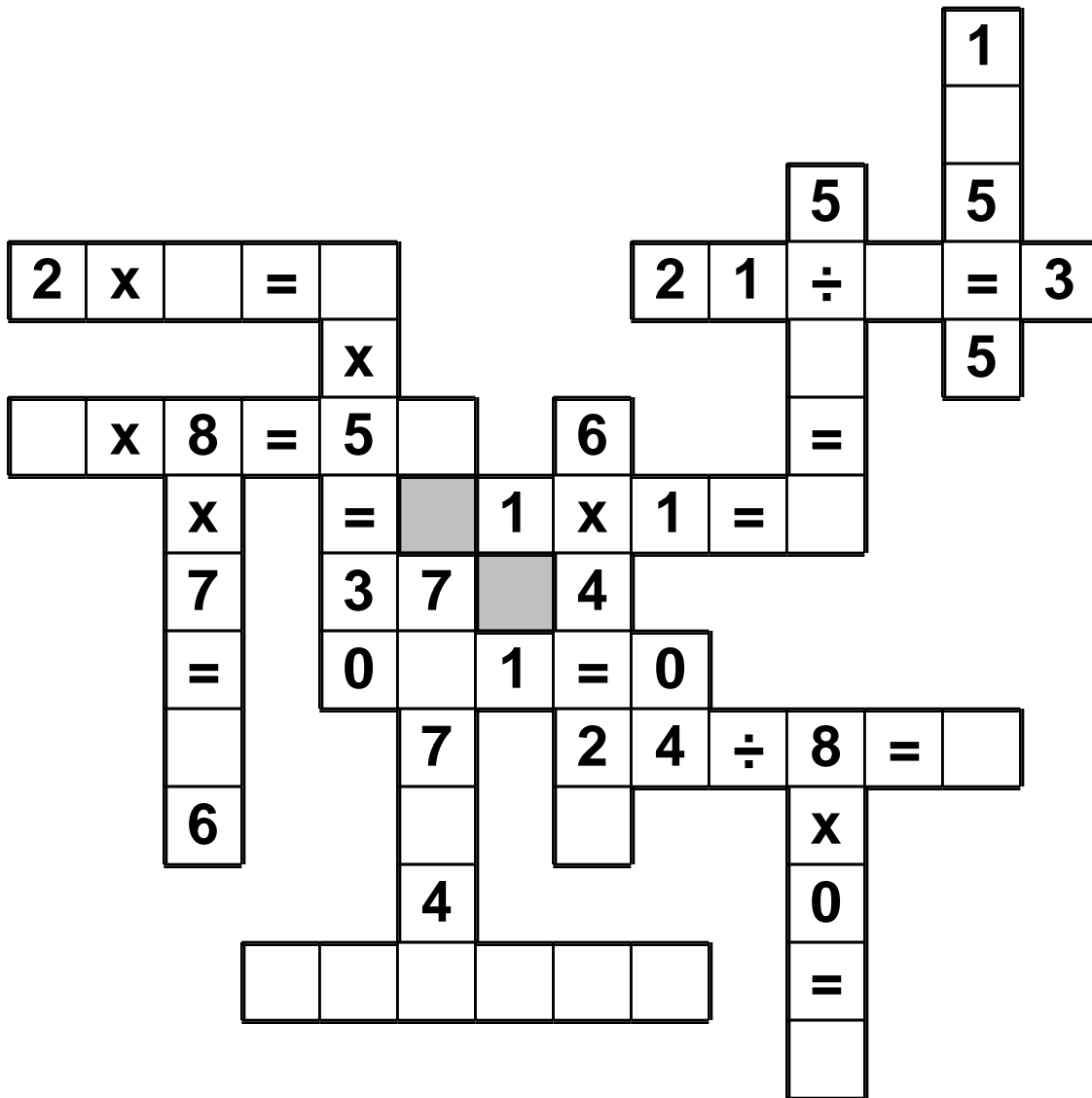
In the number 1,020,943,808, the digit 4 is in what place?  _____	659 + 913 = _____

10 x 12 =	Megan is older than Hannah. Mary is younger than Hannah. Who's the youngest?	18 ÷ 2 = _____

Emily and Emma are playing a number game. Emily says 6. Emma replies that the answer is 14. Emily says 1. Emma replies that the answer is 9. Emily says 5. Emma replies that the answer is 13. Emily says 16. Emma replies that the answer is 24. Emily says 4. Emma is thinking. What number should Emma reply with?	30 ÷ 10 = _____

Write this as a number in standard form. Use a comma in your number.  six hundred seventy-two thousand, three hundred eighty-seven  _____	Rewrite these in increasing order of length:  30 km, 1 cm, 424 dm, 154 m
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Use the pieces above to help you fill in the runaway math puzzle.



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$9 \times 6 = \underline{\hspace{2cm}}$

Name: \_\_\_\_\_

Alexandra, Matthew, and Anthony are competing in the Olympics. They are each from a different country (Bermuda, Nigeria, and Finland), and they are also each competing in a different event (ski jumping, figure skating, and snowboarding).

Figure out the country each person is from and the event he or she is competing in. (Assume that each hint refers to one of the three people. For example, if Alexandra has lunch with someone he met from another country, then assume that this person is among one of the three people).

1. The person competing in the ski jumping event is from Europe. This is her third time to represent her country at the games.
2. The person from Nigeria and his friend invited the person from Finland to dinner. The person from Finland thought it was a great idea, and she gladly accepted.
3. Matthew had lunch with someone he met. The person he met is competing in the snowboarding event.
4. Though Anthony has never been to Finland, he would like to visit.
5. The person competing in the snowboarding event is from Africa. This is his second time to represent his country at the games.

Circle the greatest number:

416,259  
387,093,801,547  
84,261,073  
2,659

Can 733 be evenly divided by 4? Circle:

733 is evenly divisible by 4  
733 is NOT evenly divisible by 4

$48 \div 4 =$



Name: \_\_\_\_\_

$$\frac{1}{5}$$

$$\frac{2}{3}$$

$$\frac{2}{5}$$

$$\frac{1}{2}$$

$$\frac{4}{7}$$

$$\frac{3}{5}$$

Name two of the above numbers that have a sum of  $\frac{9}{10}$ .

When the square root of one number is multiplied by the square root of another number the product is 7,056. One of the original numbers before being squared is 7. What is the other number?

$$4 - 2 - 12 =$$

$$-6 \times -11 =$$

$$33 + -40 =$$

Name: \_\_\_\_\_

What number is equivalent to 6 ones, 63 thousands, 4 hundreds?

- A) 6463
- B) 6643
- C) 63406

Which answer has the greatest unit size?

- A)  $2352 \text{ mm} + 3520 \text{ mm} + 75069 \text{ cm}$
- B)  $788 \text{ m} + 338 \text{ m} + 2220 \text{ km}$
- C) A and B are equal.

How many inches in 5 feet?

- A) 84 inches
- B) 60 inches
- C) 180 inches
- D) 108 inches

What number is missing from the following sequence?

7, 49, 343, 2401, 16807, 117649, \_\_\_\_, 5764801

- A) 4814015
- B) 823543
- C) 5237793
- D) A and B are equal.

What does the \_\_\_\_ stand for in the following equation?

$$(\text{____} \times 5) + 10 = 30$$

- A) 2
- B) 42
- C) 24
- D) 4

How many millimeters are in two centimeters?

- A) 2,000
- B) 20
- C) 200
- D) 20,000

Name: \_\_\_\_\_

Find the way from START to END by passing through EVERY number that is a multiple of ten exactly ONCE. Cross off each box that is NOT a multiple of ten. Yes, that means you have to go through ALL the multiple of ten boxes. Wow! You are not allowed to go diagonally. Good luck!

START	440	842	813	679	68	876
119	280	450	780	30	720	800
550	930	230	170	20	260	260
950	873	375	32	210	390	70
200	332	381	436	700	360	180
230	29	374	150	810	760	50
860	590	730	370	630	960	890
620	360	428	230	650	433	512
280	420	580	610	840	712	429
600	90	430	891	480	490	END



Name: \_\_\_\_\_

Get a fidget spinner! Spin it.

I needed to spin \_\_\_\_\_ time(s) to finish.

What is the greatest common factor of the numbers 45 and 135?

Circle the percentage that is closest to 10 out of 71:

56%  
5%  
84%

$$0.4 \cdot 6 =$$

$$|-11| + y = 5$$

$$y =$$

What is the remainder of 74 divided by 13?

$$\frac{24}{40} \div \frac{4}{10} =$$

$$\frac{8}{10} \times \frac{9}{10}$$

Rewrite  $\frac{3}{25}$  as a decimal.

$$(5 + 16) + 3 = 2(v + 5)$$

What is the value of  $v$ ?

At the dive meet Jack received scores of 7.9, 9.4, 8.8, 7.6, and 8.3. The largest and smallest scores were dropped and the rest were averaged for a final score. What is the final score Jack received?

Rewrite as an algebraic expression or equation.

Nine subtracted from a number is thirty-five.

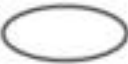






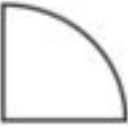



What is the area of a rectangle with a length of 50 centimeters and a width that is  $\frac{1}{5}$  the length?

Name: \_\_\_\_\_

Each row, column, and box must have the numbers 1 through 6. The first box is done.

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

Each row, column, and box must have 6 different pictures.

Name: \_\_\_\_\_

		+		+		=	
			?	A	C		20
+			B	C	C		27
x			C	C	C		24
=							
			99	65	72		

### Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + C \times C = 72 \quad B + \underline{\quad} + C = 27 \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 24$$

$$\underline{\quad} + \underline{\quad} \times \underline{\quad} = 65$$

Additional hints:

$$B = A + 10 \quad C > 2$$

### Show Work:

### Solve:

$$? = \underline{\quad}$$



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