

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

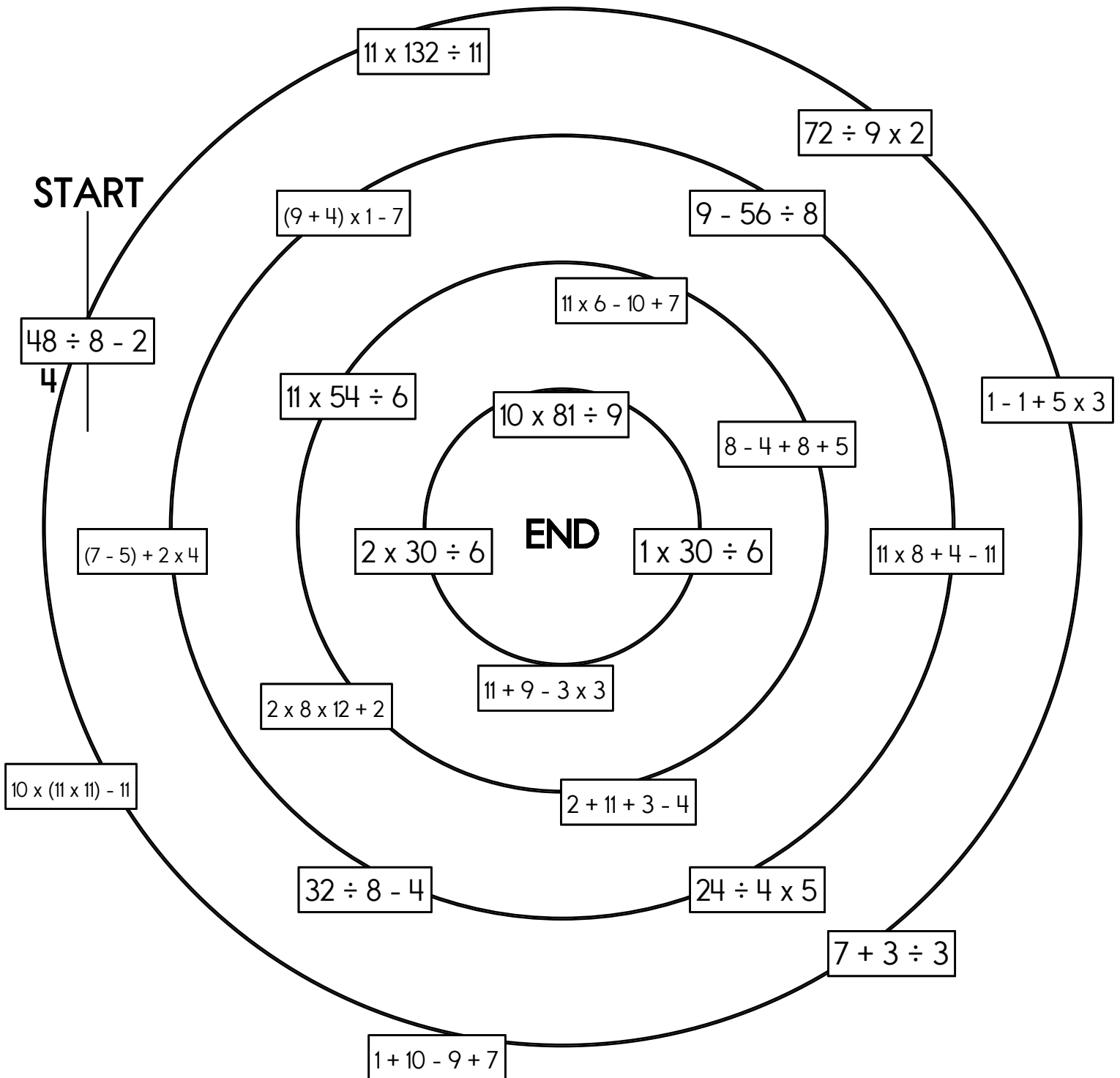
Draw a line from START to END.

5  
0

+

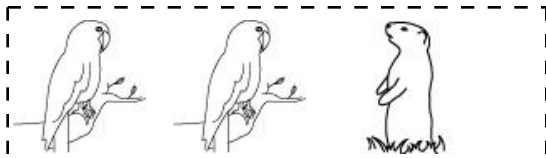
12

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

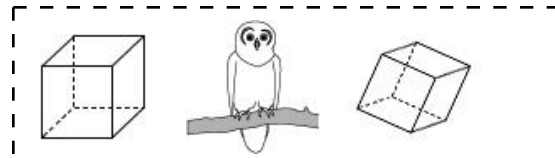


Name: \_\_\_\_\_

Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.

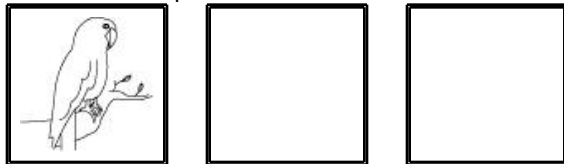


! Draw 1 of these 3 pictures.  
! The picture IS in the correct spot.



! Draw 2 of these 3 pictures.  
! The pictures to use are in the correct spot.

Draw the 3 pictures in the correct order:



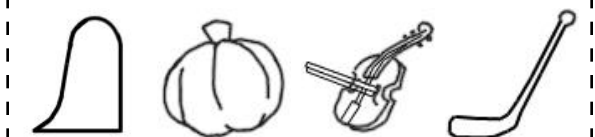
Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.



! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



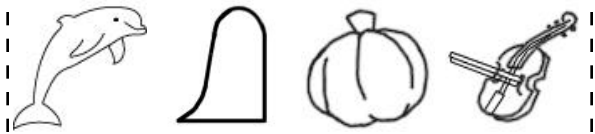
! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.



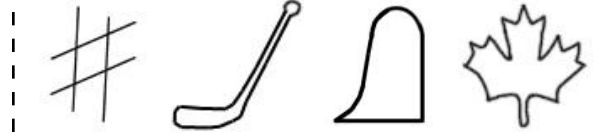
! Draw 2 of these 4 pictures.  
! None of those pictures are in the correct spot.



! Draw 1 of these 4 pictures.  
! The picture IS in the correct spot.

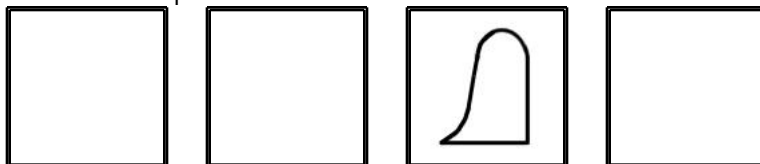


! Draw 1 of these 4 pictures.  
! The picture is NOT in the correct spot.



! Draw 3 of these 4 pictures.  
! The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:



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

The digits in a 4-digit number add up to 23. The tens digit is 8. Can you name the number?

Is there only one possible answer?

Sara invited her friends over to celebrate her birthday. She has 43 boxes of strawberry sour mints to give her friends. In their goodie bags she gave them each 4 boxes of strawberry sour mints. She has 11 boxes left. How many goodie bags did she give out?

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

<p>Mrs. Taylor gave each of her 3 children an equal amount of money to spend at the beach. She gave them \$13.47 in all. How much money did each child get?</p>	<p>Harry Houdini was born in March 1874. He died in October 1926. How old was he when he died?</p>	<p>Sara's mother is a police detective. She investigates crimes involving counterfeiting. She makes \$33,034 per year. How much does she make each month?</p>
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<p>The principal of your school wants to buy fifty-one books. Each book costs \$8.80. She wants to estimate how much it will cost. Show her how you would estimate the cost:</p>	$\begin{array}{r} 25 \\ + 45 \\ \hline \end{array}$	$\begin{array}{r} 524 \\ - 402 \\ \hline \end{array}$
--	---	---

<p>Write a fraction to represent the situation. Situation: 70 books are shared by 70 girls. Write a fraction:</p> <p>This fraction is between what two whole numbers? between _____ and _____</p>	$\begin{array}{r} \frac{1}{3} \\ + \frac{4}{6} \\ \hline \end{array}$ $\begin{array}{r} \frac{3}{4} \\ + \frac{1}{8} \\ \hline \end{array}$
---	---

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

How far do you think it is from the ground to your chin? Write an estimate of the distance you think it could be.

Can 324 be evenly divided by 6? Circle:  
324 is evenly divisible by 6  
324 is NOT evenly divisible by 6

19 lb = \_\_\_\_\_ oz

If you multiply  $318 \times 648$ , you will have a number that is how much bigger than  $106 \times 324$ ?

- It will be nine times as big.
- It will be eight times as big.
- It will be six times as big.
- It will be twice as big.
- It will be four times as big.

Can 837 be evenly divided by 11? Circle:  
837 is evenly divisible by 11  
837 is NOT evenly divisible by 11

$$\begin{array}{r} 52 \\ - 29 \\ \hline \end{array}$$

1 kg = 1,000 g

26 kg = \_\_\_\_\_ g

Circle the greatest number:

1,790          2,934,067      470,684  
85,129,153

$$\begin{array}{r} 335 \\ + 326 \\ \hline \end{array}$$

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

$30 \div 3 =$	For 7,634,383,062,331, write the digit that is in the hundred thousands place.  _____	Draw a shape that has between three and four lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.
$132 \div 11 =$		

Write this as a number in standard form. Use a comma in your number.  eight hundred seventy-three thousand two hundred forty-five  _____	How many grams are in 7 kilograms?  _____ grams
Circle the relative adverb. That's the park where I played baseball over the summer.	

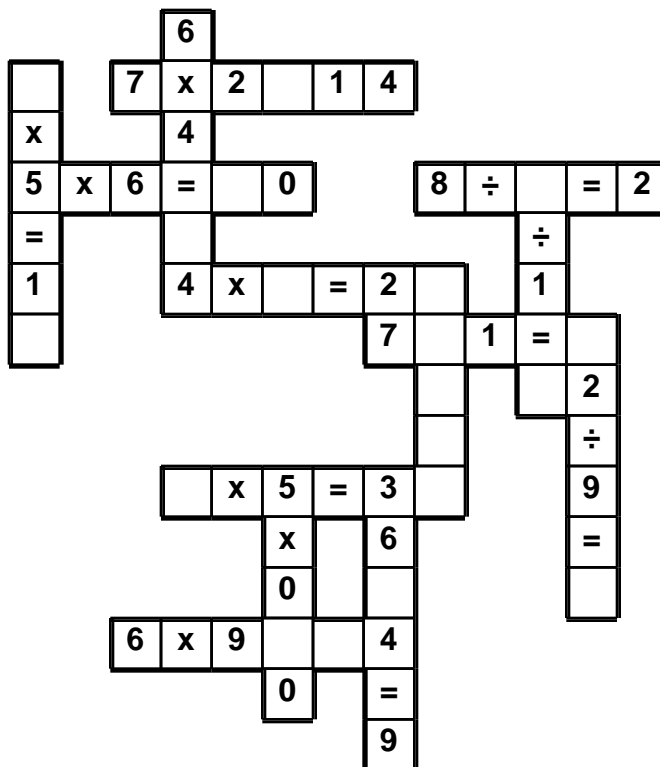
Write the missing family fact.  $32 + 19 = 51$ $19 + 32 = 51$ $51 - 32 = 19$  _____	Jessica invented a robot. The robot's name is Justin. Justin can go a maximum speed of 4 mph. At that rate, how long would it take Justin to go 10 miles?
Cross out the word that is <b>not</b> a relative adverb. where, when, how, then	

Amanda has two favorite numbers. If you add her favorite numbers, you get 24. If you multiply her favorite numbers, you get 108. What are her mystery numbers?  _____	Circle the addition property for $68 + 69 = 69 + 68$ .  associative property commutative property
---	--

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

3 • = • 3 • 4 • 2 • 5 • 0 • 5 • x • 7 • 3 • 4 • = • 6 • 0 • ÷  
8 • = • 5

Use the pieces above to help you fill in the runaway math puzzle.



$(8 + 5) + 5 =$

Which reference material would you consult to find the answer to this question?

How many syllables are in the word antimatter?

\_\_\_\_\_

Insert punctuation marks into this sentence.

My dog greeted me with, Woof! when I walked in the door.

$10 \times 6 =$

Erin will win if a random number pulled out of a box is an odd number. 41 pieces of paper, numbered 1 to 41, are put inside a box. What is the chance that Erin will win?

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

What is the least common multiple of 4 and 5?

What is the least common multiple of 3 and 6?

$$11 + \underline{\quad} = 51$$

What is the missing number?

$$6 + x = 31$$

What is the value of x?

What is the greatest common factor of 4 and 2?

$$n + 33 = 40$$

Is the greatest common factor of 2 and 4 smaller, equal to, or greater than the least common multiple of 2 and 4?

$$13 - m = 5$$

What is the least common multiple of 10 and 14?

Write all the factors for the number 45.



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

I am a 4-digit number greater than 9,000. I am divisible by 6. Write any number that fits this.

I am a 3-digit number with a 1 in the tens place. My ones digit is 4 less than my hundreds digit. Write any number that fits this.

I am a 3-digit number with a 4 in the tens place. My hundreds digit is 5 less than my ones digit. Write any number that fits this.

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

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

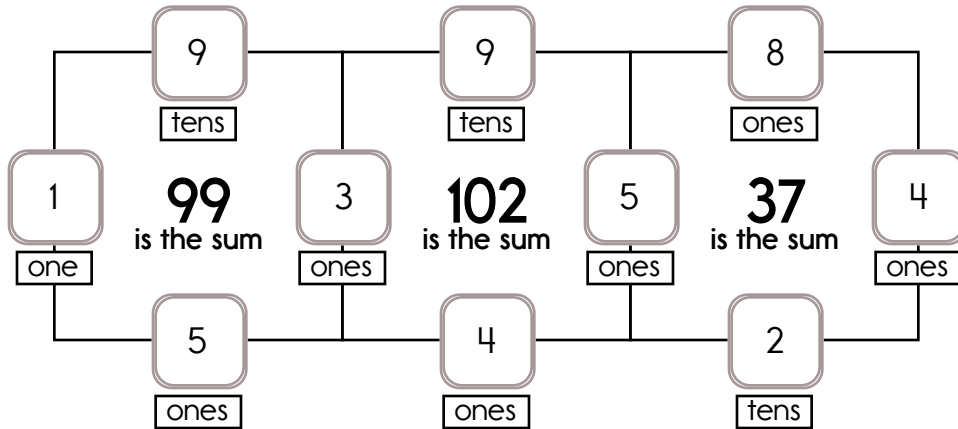
Example:

$$1 + 3 + 90 + 5 = 99$$

Example:

$$5 + 4 + 8 + 20 = 37$$

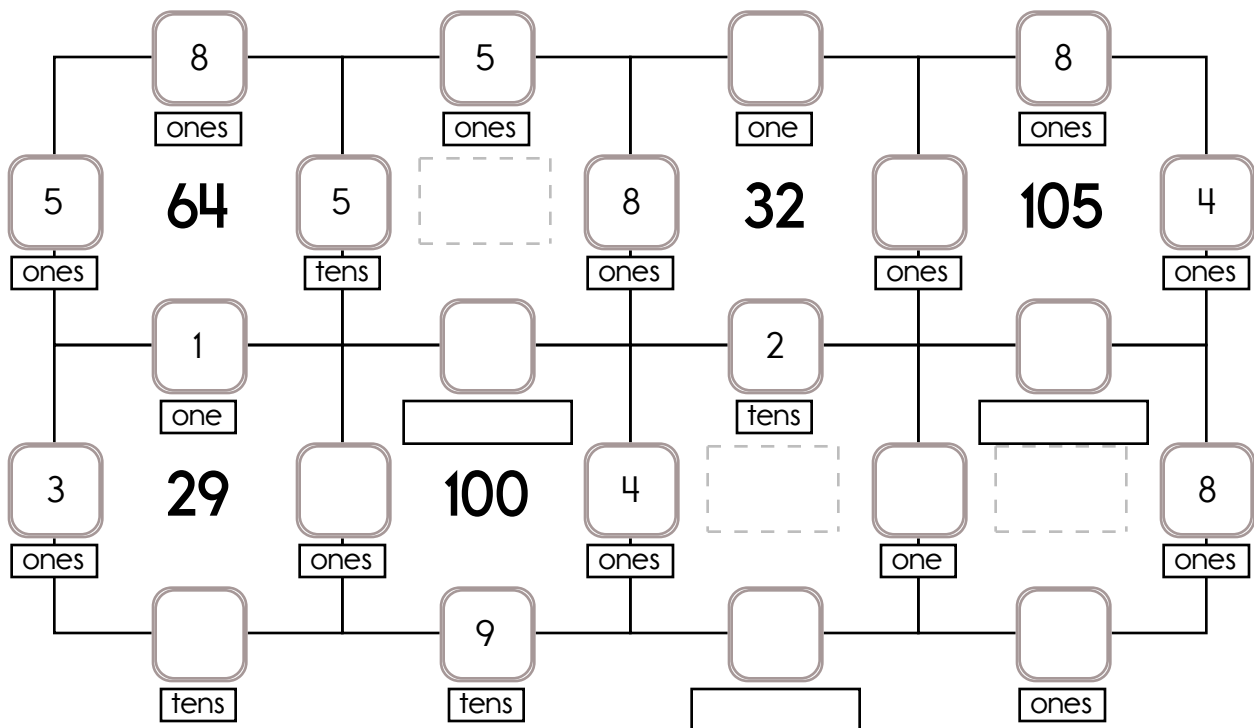
Sample:



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: 9 tens, 5 tens, or 2 tens.

The other three numbers have to all be DIFFERENT and must be from these: 8 ones, 5 ones, 4 ones, 1 one, or 3 ones.



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: 5 tens, 2 tens, or 9 tens. The other three numbers have to all be DIFFERENT and must be from these: 6 tenths, 2 tenths, 1 hundredth, or 9 tenths.

	6	6	1					
	tenths	tenths	hundredth					
1	<b>21.6</b>	2	<b>20.9</b>	2	<b>21.2</b>	2	<b>21.7</b>	6
hundredth		tens		tenths		tens		tenths
	9							
	tenths	hundredth		tenths		tenths		
			<b>91.7</b>		<b>90.9</b>	6	<b>91.2</b>	9
tenths		tens		tenths			tenths	tens
	tenths	hundredth		tenths		tenths		
			<b>91.6</b>	<b>91.2</b>	<b>90.9</b>	<b>21.6</b>		
hundredth		hundredth		tenths				
	tenths	tenths	tenths	tenths				
			<b>91.6</b>	<b>51.6</b>				
tenths		tenths		tenths		tenths		tenths
	tenths	tenths	tenths	tenths		tenths		tenths

How many digits are in ten times ten?

Insert a comma in the appropriate place in this sentence.

$3 \times 10 =$

I meant to pour only a little milk but I ended up spilling milk all over the counter.

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

Write the place value that is 1,000 times as great as the hundreds place.

It is 8 a.m. and the animals are waking up. In exactly 4 minutes, Anna will moo. Anna will then moo every 4 minutes until it is 10 a.m. when she will stop (she cannot moo at 10 a.m.). To make matters worse, in exactly 16 minutes, Max will moo. Max will then moo every 16 minutes until 10 a.m.! How many times will both of them be making noise at exactly the same time?

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

Robert is making his favorite ultimate chocolate chip cookies for a huge party at school. He just finished dropping rounded tablespoons of dough on his cookie sheet and was able to fit 16, which will make 16 cookies. The problem is that he needs to make 117 cookies for his party, and his oven can only fit one cookie sheet at a time. How many cookie sheets will he need to bake?

The letters A, Q, and M each stand for a positive whole number. How many DIFFERENT values can you find for them?

$$M < 26$$

$$A > 6$$

$$A + 6 = Q$$

$$M > A$$

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

## Can you guess the word?

No duplicate letters can be used.

**J** A C K E T

The letter J is in the word  
and is in the correct spot.

T **H** R O W N

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

A B C D E F G H I J K L

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

Hint: There are no duplicate letters in the answer.

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

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

R F C S R O L C C C A A Q R R A F R C  
U R M C R E L V P C W E A I L A R S W  
E E W R R R R S R L A A M E H G O N A  
K G W E M Z R D L E E E R C P F L R C  
A E R A Y V O R R S C R A P E O I E M  
C R E M A M C C R I R R C B O G C L A  
A E A M C C L O E Q P R S S E F P E O  
S A D M A A Z R R E R E R R R S K W A

Hint: There are no duplicate letters in the answer.

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

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

E L V J T L L X U X D A T E O A  
S X O O P O O O Q E L B R O L O  
R E P C T T B A A O O A L G A R  
C E A O A A A O K T P U O C O X  
T A E H R T L O H E H R O D O L  
E A T A Z T E A E A U E E O P R

Hint: There are no duplicate letters in the answer.

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

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

C R J E K R K J G D O S N P I D G A E  
E R R O K R D R P A E N R J D K E K Y  
Y A M N C D E E D A R G A E D W X X R  
Y U D D E K N K E A N D E P N E O A X  
R N G J V Y E Q N N M D E R A E R Q G  
A E C N D C R Y R K E A E N T E D D A  
C J D O H N E E E T E C O R Q E D Y A  
K A A C K W T J Q G P D R E G D A O E

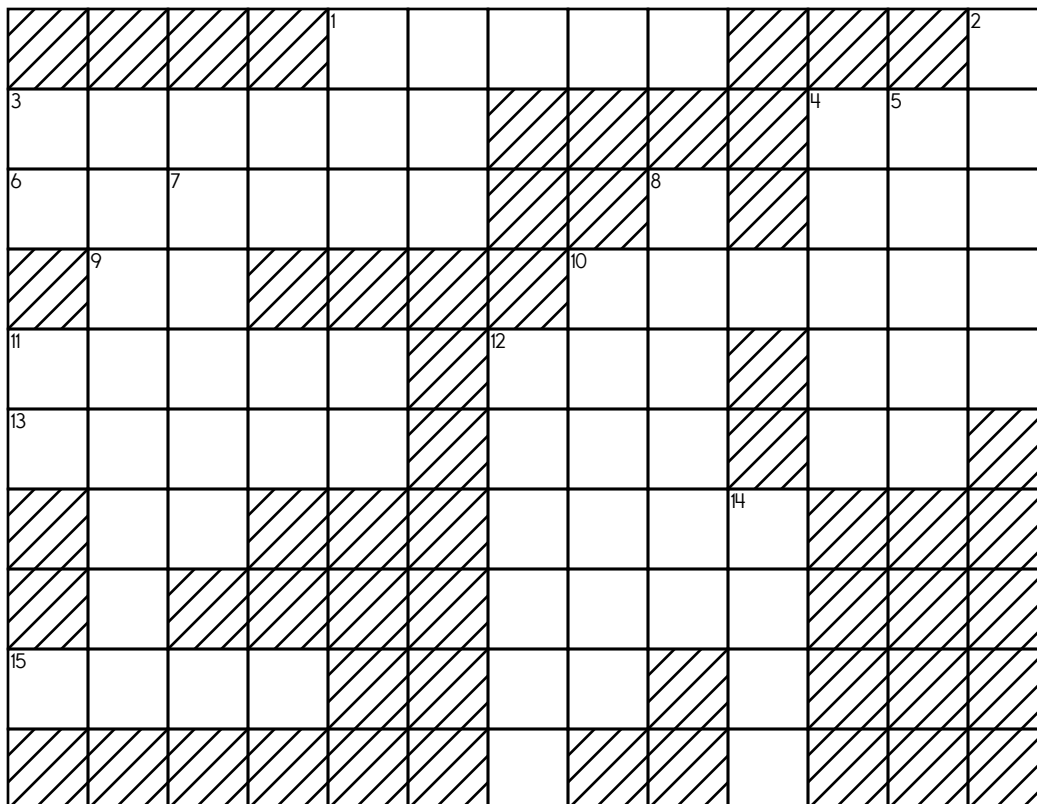
Name: \_\_\_\_\_

**ACROSS**

1. the tens in 10-Down + the thousands in 4-Down + the ones in 8-Down + the ten thousands in 13-Across
3. the ones in 1-Across + the hundred thousands in 10-Down + the tens in 13-Across + the hundreds in 9-Down
6. the hundred thousands in 9-Down + the ones in 7-Down + the thousands in 4-Down + the tens in 5-Down
7. Its digits total 16
10. the thousands in 5-Down + the ten thousands in 4-Down + the hundred thousands in 10-Down
11. the thousands in 12-Down + the ones in 8-Down + the ten thousands in 4-Down + the hundreds in 7-Down
13. the thousands in 9-Down + the ten thousands in 5-Down + the tens in 14-Down
15. the tens in 4-Down + the ones in 10-Down + the thousands in 14-Down

**DOWN**

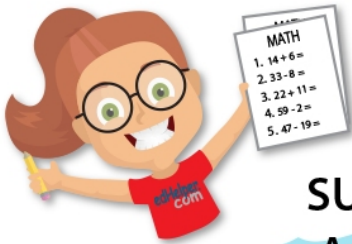
2. the ten thousands in 9-Down + the thousands in 5-Down + the ones in 12-Down
4. the ten thousands in 13-Across + the tens in 9-Down + the ones in 5-Down + the thousands in 14-Down
5. **fifty-three thousand, forty-four**
7. forty-eight thousand, five hundred eight
8. the hundred thousands in 10-Down + the ones in 6-Across + the ten thousands in 13-Across
9. two hundred eighty-two thousand, two hundred forty
10. the tens in 14-Down + the hundred thousands in 9-Down + the ones in 5-Down
12. the ten thousands in 5-Down + the thousands in 7-Down + the ones in 14-Down + the hundred thousands in 6-Across
14. four thousand, twenty-seven



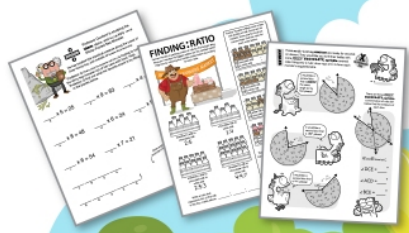
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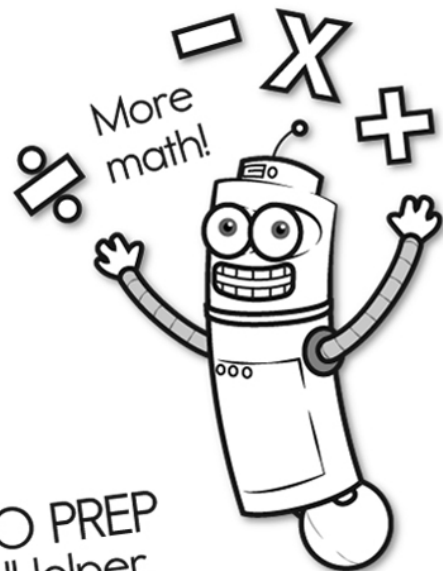


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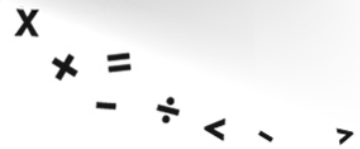
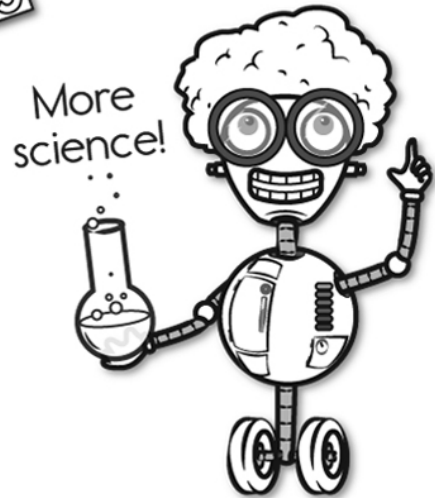
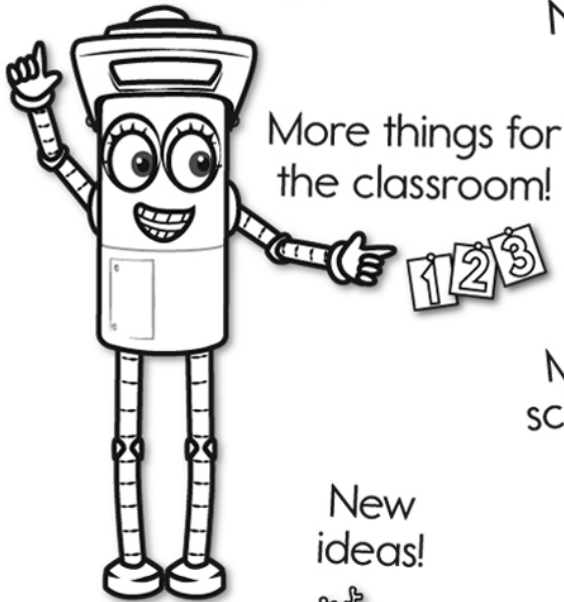


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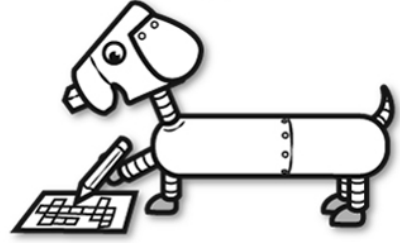


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