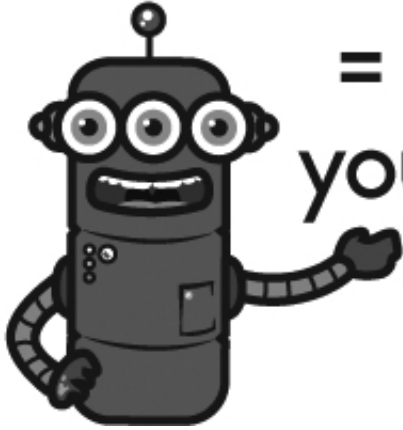


Name: _____

Mental Math



= Do it in
your head!



	+1	-1	+10	-10	+5	-5
52						
78						
24						
39						
63						
246						
681						
450						
537						
325						

Rosa is losing her baby teeth. Last year she had 15 baby teeth. Four of her baby teeth fell out. How many baby teeth does she have left?

		plural	add s	add es	drop e add s	drop y add ies	oddball
1. ape	apes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. gun		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. reward		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. ladder		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. inch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. tax		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. pony		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. strawberry		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. self		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Name: _____

Mike picked up 24 pieces of trash. Jimmy picked up 23 pieces of trash. Bobby picked up 11 pieces of trash, and then he picked up 4 more pieces of trash. Which boy picked up the most pieces of trash?

Mrs. Thompson used an equal number of apples in each of 4 pies. She used 20 apples in all. How many apples did she use in each pie?

Ava is playing a game against Wendy. In the game you collect gold coins. You can also get hearts. Every heart is exchanged for 2 gold coins at the end of the game. Ava got 300 gold coins and 29 hearts. Wendy got 40 gold coins and 80 hearts. The game ended and they exchanged hearts for gold coins. Who won?

A year on Mars lasts 687 days. Robot Pete lives on Mars. He is exactly 3 Mars years old. That means he was born 2,061 days ago, assuming a robot was born, which makes no sense. But who cares!

Robot Pete's older brother Jack was born 399 days before Pete. How many days old is Jack? Don't forget, to be older, Pete should be MORE days old than Jack! If your answer is less than 2,061 then think again.

Name: _____

		+		+		=	
	B	B	C				16
+	C	B	A				25
		?	6	22			
		=					

Equations and Hints:

Each letter is a whole number.

Fill in the equations using the chart:

$$C + A = 22 \quad B + B = \underline{\quad} \quad \underline{\quad} + \underline{\quad} + \underline{\quad} = 25$$

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = 16$$

Additional hints:

B is the smallest. $A = C + 2$

Each letter is less than 16. **A is the largest.**

Show Work:

Solve:

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

Name: _____

Ms. Clark's class is studying reptiles. Some of the students have reptile pets. They brought their pets to class. Everyone enjoyed seeing the reptiles. Adam brought his skink. Emily brought her two pet king snakes. Max brought a Gila monster and a chameleon. Amy brought four turtles. Gavin brought two skinks. How many reptiles did the students bring in all?

Hunter had twelve model cars. He had made each one by himself. First, he put the cars together. Then he painted each car. It took him two hours to make each car. He took four cars to school. He put them on the edge of a shelf. All four cars fell off and broke in many pieces. Hunter blamed Erin for breaking his cars when she put her books on the shelf. His teacher said he had put the cars too close to the edge of the shelf, so he should blame himself. How many cars does Hunter have left?

In nine hours it will be midnight. What time is it now?

$$5 - 1 + 1 + 5$$

7 ones, 9 hundreds

Amanda made some cookies. She made a wild guess about the time to bake them. She left them in the oven for 45 minutes. They all burned. The recipe said they should bake for 13 minutes. How many minutes too long were they in the oven?

Ava counted 358 people at the beach. If 148 of them were playing in the water, how many people were not playing in the water?

Fay, Jay, Kay, May, and Ray are monkeys. They think their names are too much alike. They went to the monkey name store and bought new names. They paid 5 quarters, 4 dimes, and 12 pennies for the names. How much did their new names cost?

Name: _____

The mailman spent 4.6 hours delivering mail today. Write that number in expanded form.

Mr. and Mrs. Rodriguez's children each made eight cards. They sent the cards on Forget Me Not Day. Mr. and Mrs. Rodriguez have two children. How many cards did they make in all?

Connor bought a box of beads for his craft project. There are 4,281 beads in the box. Round off 4,281 to the nearest hundred.

Circle the number that is smallest.

60,600 60,006

60,060 66,000

It is 8:44 when Amy leaves her house. She arrives at school at 9:03. How much time has passed?

Circle the number that is largest.

80,001 80,010

80,100 81,000

Jenna put her 21 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?

Mrs. White needs 11 bees to start a colony. She wants to make 3 colonies. How many bees does she need in all?

Jacob has saved 4 dimes and 6 nickels to buy a notebook. What fraction of a dollar has he saved?

15, 17, 19, 21, 23, 25, _____,
29

Make your own equation.

____ + 6 = ____

3 less than 843

Name: _____

Kevin likes Jell-O. He likes grape Jell-O best. He bought 4 boxes. Each box costs 55 cents. How much do 4 boxes cost?

Thornton Wilder's birthday is 15 days after Jacob's birthday. Jacob's birthday is April 27. On what date is Thornton Wilder's birthday?

Mary planted pumpkin seeds in her garden. She planted five pumpkin seeds. One pumpkin vine grew from each seed. There were two pumpkins on each vine. How many pumpkins in all were there in Mary's garden?

$$\begin{array}{r} 87 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} 65 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 97 \\ + 79 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 41 \\ \hline \end{array}$$

$$29 - 3 = \underline{\hspace{2cm}}$$

$$14 + \boxed{} = 21$$

Count by 6s.

42

 96

Write a word to describe January.

$$\begin{array}{r} 57 \\ - 34 \\ \hline \end{array}$$

$$7 \overline{)49}$$

Fill in the blanks with these numbers:
6, 7, 3

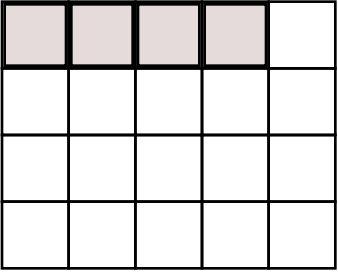
$$\begin{array}{r} \boxed{} \quad \boxed{} \\ - 1 \quad \boxed{} \\ \hline 5 \quad 4 \end{array}$$

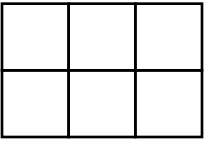
Fill in the blanks with these numbers:
1, 1, 1

$$\begin{array}{r} 2 \quad 6 \\ - \boxed{} \quad 5 \\ \hline \boxed{} \quad \boxed{} \end{array}$$

Name: _____

$\begin{array}{r} 70 \\ + 34 \\ \hline \end{array}$	<p>Can you think of a five-letter word that has the vowel U in it?</p> <p style="text-align: center;">_____</p>	<input type="radio"/> kof <input type="radio"/> calf <input type="radio"/> celf <input type="radio"/> colf	<input type="radio"/> alays <input type="radio"/> always <input type="radio"/> olways <input type="radio"/> elways	$5 \overline{)10}$
$25 + \boxed{} = 27$				

<p>Fill in the blanks with these numbers: 3, 6, 5</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> $\begin{array}{r} \boxed{} 8 \\ + 2 \boxed{} \\ \hline 9 \boxed{} \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} \boxed{} \boxed{} \\ + 3 5 \\ \hline \boxed{} 2 \end{array}$ </div> </div>	<p>What fraction of the box is shaded?</p> <div style="text-align: center;">  </div> <p style="text-align: center;">$\frac{\boxed{}}{5}$</p>
--	---

<p>Fill in the blanks with these numbers: 1, 4, 0</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> $\begin{array}{r} 4 2 \\ 3 \boxed{} \\ + \boxed{} \boxed{} \\ \hline 8 6 \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} \boxed{} \boxed{} \\ 4 6 \\ + 2 \boxed{} \\ \hline 9 6 \end{array}$ </div> </div>	<p>Color in $\frac{1}{3}$.</p> <div style="text-align: center;">  </div> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> $\begin{array}{r} 46 \\ + 48 \\ \hline \end{array}$ </div> <div style="text-align: center;"> $\begin{array}{r} 6 \\ \times 6 \\ \hline \end{array}$ </div> </div>
--	--

$44 - 3 = \underline{\hspace{2cm}}$	$\begin{array}{r} 10 \\ + 86 \\ \hline \end{array}$	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> $2 \overline{)14}$ </div> <div style="text-align: center;"> $3 \overline{)18}$ </div> </div>
-------------------------------------	---	--

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 7.

Here is an example of a sudoku sum of 7:

4	3
---	---

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

Color in $\frac{1}{2}$.

$5 + \square = 8$

$5 + \square = 11$

$4 + \square = 7$

$7 + \square = 15$

$9 + \square = 17$

$19 + \square = 31$

$30 + \square = 38$

$18 + \square = 34$

What is the largest two-digit number you can make with the numbers 1, 3, and 6?

$$\begin{array}{r} 96 \\ - 66 \\ \hline \end{array}$$

$1 \times 8 = \underline{\quad}$

$$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$$

$12 + \square = 27$

$4 \overline{)36}$

$8 \overline{)56}$

$6 \overline{)18}$

Color in $\frac{3}{5}$ of the rectangle.

--

$6 + 1 = \square$

$10 - 7 = \square$

$5 - 2 = \square$

$9 + 5 = \square$

Name: _____

$$\begin{array}{r} 18 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 130 \\ - 47 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ + 89 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ - 41 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ - 94 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 51 \\ - 20 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ + 68 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ + 84 \\ \hline \end{array}$$

$$\begin{array}{r} 79 \\ + 69 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 86 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 102 \\ - 88 \\ \hline \end{array}$$

$$\begin{array}{r} 82 \\ + 77 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 92 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 90 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - 10 \\ \hline \end{array}$$

$$\begin{array}{r} 174 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 54 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ + 87 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ + 78 \\ \hline \end{array}$$

$$\begin{array}{r} 88 \\ - 56 \\ \hline \end{array}$$

$$\begin{array}{r} 140 \\ - 82 \\ \hline \end{array}$$

$$\begin{array}{r} 77 \\ - 33 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ + 91 \\ \hline \end{array}$$

$$\begin{array}{r} 74 \\ + 20 \\ \hline \end{array}$$

$$\begin{array}{r} 37 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ - 17 \\ \hline \end{array}$$

$$\begin{array}{r} 48 \\ + 56 \\ \hline \end{array}$$

$$\begin{array}{r} 194 \\ - 99 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ - 84 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + 86 \\ \hline \end{array}$$

$$\begin{array}{r} 119 \\ - 34 \\ \hline \end{array}$$

$$\begin{array}{r} 67 \\ - 11 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 50 \\ \hline \end{array}$$

$$\begin{array}{r} 132 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 33 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 9 \\ \hline \square \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 4 \\ \hline \square \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} + 4 \\ \hline \square \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} + 4 \\ \hline \square \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 30 \\ + 9 \\ \hline \square \end{array}$$



Name: _____

Can you guess the word?

No duplicate letters can be used.

J **E** **A** **N** **S**

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

F **A** **R** **C** **E**

The letter A is in the word,
but A 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.

R **A** **N** **C** **H**
P **R** **O** **S** **E**

B D F G I J K L M Q T U V W X Y
Z

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

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

Hint: There are no duplicate letters in the answer.

S **W** **I** **F** **T**
T **R** **I** **E** **D**

A B C G H J K L M N O P Q U V X
Y Z

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

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

Hint: There are no duplicate letters in the answer.

S **H** **O** **R** **E**
C **R** **A** **V** **E**
R **A** **N** **G** **E**

B D F I J K L M P Q T U W X Y Z

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

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

	3
X	8
<hr/>	

	5
X	2
<hr/>	

	6
X	9
<hr/>	

	4
X	7
<hr/>	

	8
X	7
<hr/>	

	4
x	2
<hr/>	

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

	9
X	2
<hr/>	

	6
X	5
<hr/>	

	4
X	7
<hr/>	

$$\begin{array}{r} 8 \\ 3 \\ \hline \end{array}$$

	7
X	5
<hr/>	

	4
X	3
<hr/>	

	9
X	6
<hr/>	

	9
X	5
<hr/>	

	4
X	3
<hr/>	

	6
X	8
<hr/>	

	7
X	2
<hr/>	

	5
X	9
<hr/>	

	8
x	2
<hr/>	

	6
X	4
<hr/>	

	2	2
X		8

	8	1
X		5
<hr/>		

	5	1
X		2
<hr/>		

	7	4
X		6
<hr/>		

	3	5
X		4
<hr/>		

	7
X	3
<hr/>	

	4
x	2
<hr/>	

	6
X	9
<hr/>	

$$\begin{array}{r} 8 \\ 5 \\ \hline \end{array}$$

	6
X	4
<hr/>	

	3
X	9
<hr/>	

$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$$

	2
X	8
<hr/>	

	3
X	4
<hr/>	

	9
X	5
<hr/>	

	6
X	7
<hr/>	

	2
X	8
<hr/>	

	7
X	9
<hr/>	

	3
X	6
<hr/>	

Name: _____

2	7	6	8	6	2	3
X 3	X 9	X 5	X 4	X 5	X 9	X 4

3 8	5 6	9 1	3 0	5 7
X 6	X 5	X 2	X 3	X 7

6	9	8	4	2	8	3
X 3	X 5	X 7	X 2	X 7	X 5	X 6

2	6	8	3	6	4	9
X 5	X 7	X 4	X 9	X 8	X 2	X 3

5	8	4	6	2	4	8
X 3	X 9	X 2	X 7	X 9	X 5	X 7

7 3	7 9	7 8	3 5	8 9
X 6	X 3	X 8	X 2	X 3

Name: _____

$\frac{1}{2}$						$\frac{1}{2}$					
$\frac{1}{3}$				$\frac{1}{3}$				$\frac{1}{3}$			
$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$			$\frac{1}{4}$		
$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$		$\frac{1}{5}$	
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$	$\frac{1}{9}$
$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$	$\frac{1}{12}$

Compare.

$\frac{2}{3}$ \doteq $\frac{6}{9}$	$\frac{6}{9}$ $>$ $\frac{1}{3}$	$\frac{1}{8}$ $<$ $\frac{1}{2}$	$\frac{2}{12}$ \bigcirc $\frac{3}{5}$
$\frac{7}{8}$ \bigcirc $\frac{1}{9}$	$\frac{11}{12}$ \bigcirc $\frac{1}{4}$	$\frac{3}{12}$ \bigcirc $\frac{1}{4}$	$\frac{1}{4}$ \bigcirc $\frac{1}{3}$
$\frac{3}{5}$ \bigcirc $\frac{1}{2}$	$\frac{2}{4}$ \bigcirc $\frac{1}{2}$	$\frac{3}{8}$ \bigcirc $\frac{5}{12}$	$\frac{1}{5}$ \bigcirc $\frac{2}{4}$
$\frac{1}{3}$ \bigcirc $\frac{4}{8}$	$\frac{1}{4}$ \bigcirc $\frac{2}{8}$	$\frac{1}{2}$ \bigcirc $\frac{2}{3}$	$\frac{6}{9}$ \bigcirc $\frac{8}{12}$
$\frac{2}{9}$ \bigcirc $\frac{7}{12}$	$\frac{3}{5}$ \bigcirc $\frac{3}{9}$	$\frac{8}{12}$ \bigcirc $\frac{3}{9}$	$\frac{3}{4}$ \bigcirc $\frac{2}{5}$
$\frac{3}{5}$ \bigcirc $\frac{1}{8}$	$\frac{5}{8}$ \bigcirc $\frac{1}{2}$	$\frac{4}{8}$ \bigcirc $\frac{6}{12}$	$\frac{2}{12}$ \bigcirc $\frac{2}{3}$

Name: _____

Draw equal groups to represent the equation.

$3 \times 3 =$



= _____

$4 \times 5 =$

= _____

$10 \times 4 =$

= _____

Make your own equation with equal groups.

	2
X	8
<hr/>	

	3
X	4
<hr/>	

	5
X	9
<hr/>	

	6
X	7
<hr/>	

	2
x	7
<hr/>	

	9
X	8
<hr/>	

	3
X	5
<hr/>	

	9
X	7
<hr/>	

	6
X	8
<hr/>	

	5
X	4
<hr/>	

	2
X	3
<hr/>	

	9
X	2
<hr/>	

	7
X	3
<hr/>	

	4
X	5
<hr/>	

	9	9
X		7

	7	2
X		5
<hr/>		

	2	0
X		9
<hr/>		

	3	4
X		2

	5	6
X		5
<hr/>		

	3
X	9
<hr/>	

	8
X	6
<hr/>	

	4
X	2
<hr/>	

	5
X	7
<hr/>	

	7
X	8

	6
X	3

	2
X	4
<hr/>	

				1
				3
			9	4
	X		4	8
		7	5	2
	3	7	6	
4	5	1	2	

A 3D diagram of a staircase with 10 steps. The steps are arranged in a 3x3 grid. The top row has 2 steps, the middle row has 3 steps, and the bottom row has 5 steps. The steps are colored in a gradient from light pink to dark red. The top step is labeled '7' and the middle step is labeled '8'. The bottom row of steps is labeled 'X' and '6'.

Name: _____

1 is written with an I.

5 is written with a V.

10 is written with an X.

50 is written with an L.

100 is written with a C.

You cannot have 4 of the same letter consecutively.

4 is written as IV.

9 is written as IX.

40 is written as XL.

So you cannot write 44 like this: XXXXIIII.

But you would write 44 like this: XLIV.

Write the number as a Roman numeral and then find the Roman numeral.

Roman Numerals

I = _____

IV = _____

VII = _____

IX = _____

XII = _____

XIV = _____

XV = _____

XIX = _____

XXIII = _____

2 _____
IIXLVIXXIII
XXXXLIIXXIV

5 V _____
IVVXXXVIII
LVXXIIIIVXI

1 _____
XLIIXIIIIXXL
XIXXXVIIIIX

6 _____
VIIIXVIIIIII
XVXVIXLVII

11 _____
XIXXXVIXXX
VXIXIIIIIII

12 _____
VIIIIXVXIIIX
XIIIXXVIIIIV

15 XV _____
XVXIVXXXVI
XVXXIVIIIV

8 _____
IVIIIXXIIIV
XIVVIIIXVX

14 _____
IXXXXIVVVI
XIVXXXXIXV

18 _____
IXVIIIXXVII
IVXVIIIXIV

39 _____
XXXIXXXLIXL
IIIXXXIXXIX

33 _____
IIIXXXIIIIIV
IIXXXIIIIIV

41 _____
IIIIIXIIXLIVI
XLIXLVXIIII

42 _____
XLIIVIVIIIII
IIIIIXLIIXLV

28 _____
XXXVIIIXLV
VXXVIIIIIIIX

57 _____
LVIIIVIIIVII
LVIIXXVIIIX

Name: _____

			4	
			7	
		2	9	
	X	5	8	
	2	3	2	
	1	4	5	
	1	6	8	2

		2	7	
	X	1	6	

		3	1	
	X	9	7	

		5	0	
	X	2	9	

		2	8	
	X	5	3	

		2	3	
	X	5	9	

		3	8	
	X	8	4	

		8	1	
	X	4	4	

		3	4	
	X	7	2	

		5	6	
	X	1	5	

		7	1	
	X	6	2	

		2	1	
	X	4	3	

		9	1	
	X	4	7	

		9	3	
	X	2	5	

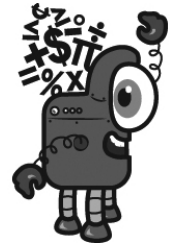
		5	7	
	X	7	4	

		5	4	
	X	2	4	

Name: _____

Mental Math

— #1 —



► Start with the number 197.

197

► Round to the nearest hundred.

4 9 7 3 8 3 2 0 0 5 (Circle your answer to double check you are correct.) _____

► Subtract 6.

6 1 3 1 9 4 9 4 7 1

► Add 5 hundreds.

6 9 4 0 1 7 9 0 2 3

► Divide that number in half.

2 5 3 1 5 3 4 7 8 2

► Subtract 5.

2 3 4 2 3 1 1 4 6 2

► Subtract 2 hundreds.

3 0 2 0 1 4 2 7 9 5

► Subtract 4.

2 3 1 3 8 2 4 1 9 5

► Add the number of inches in 1 foot.

7 4 2 2 5 9 1 5 0 2

Name: _____

Make change. You can use \$20, \$10, \$5, \$1, 25¢, 10¢, 5¢, or 1¢.

Make \$51.46 using bills and coins.

		\$10	
			1¢

Show a different way to make \$51.46 using a different number of bills or coins.

Make \$55.57 using bills and coins.

Show a different way to make \$55.57 using a different number of bills or coins.

$$\begin{array}{r} 37 \\ + 84 \\ \hline \end{array}$$

Write the possessive for the phrase below.
two boxes belonging to one child

Name: _____

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

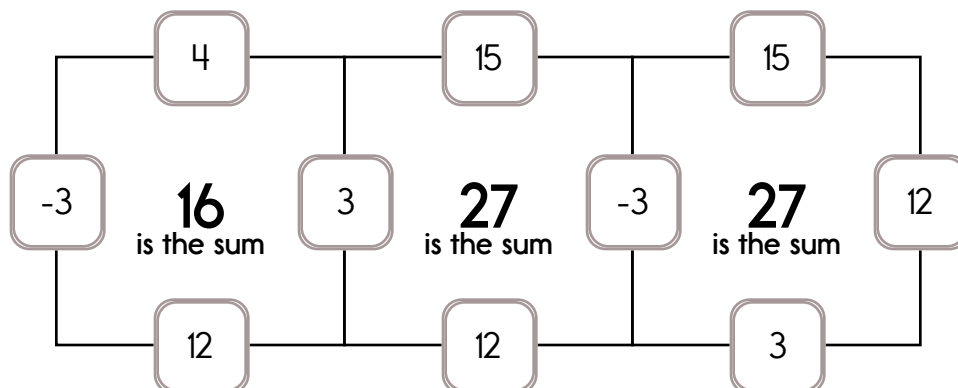
Example:

$$3 + 4 + 12 - 3 = 16$$

Example:

$$12 + 15 + 3 - 3 = 27$$

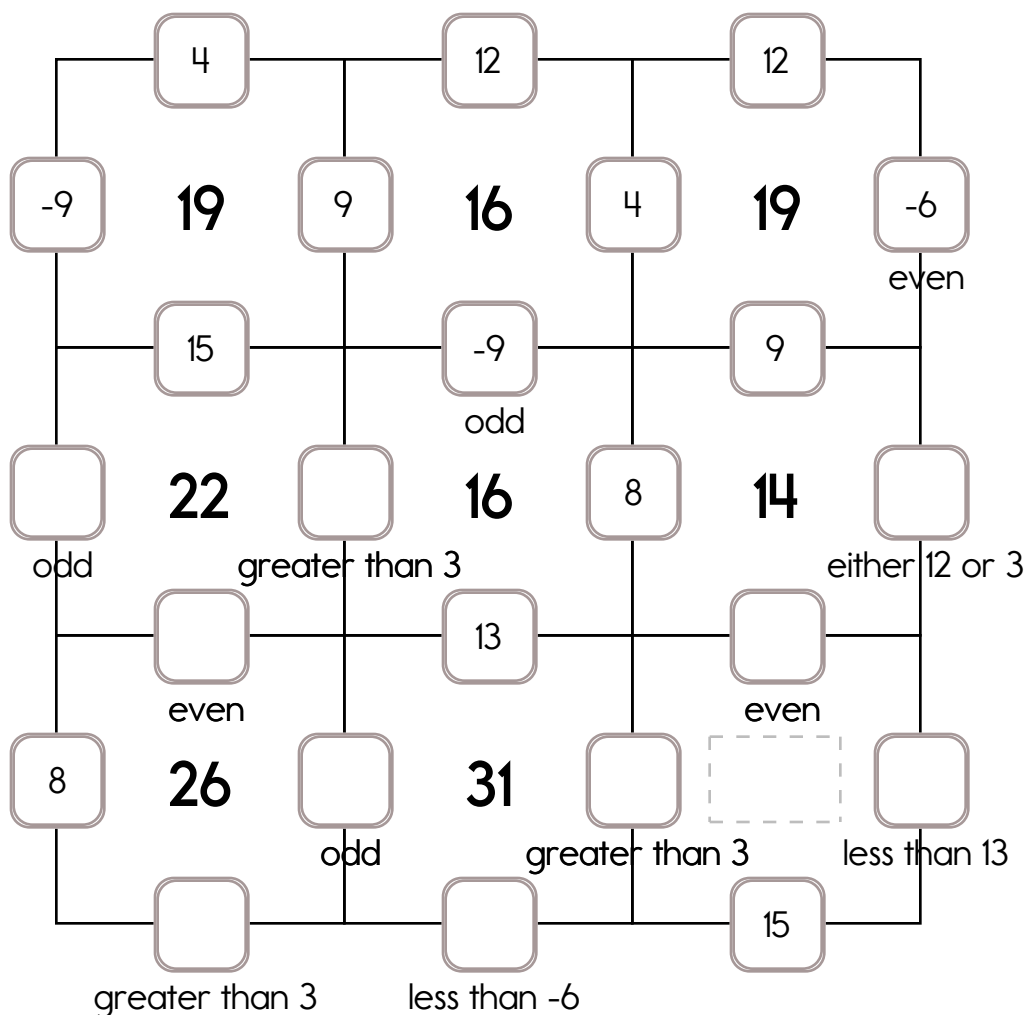
Sample:



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: -6, -3, or -9.

The other three numbers have to all be DIFFERENT and must be from these: 8, 9, 12, 13, 3, 4, or 15.

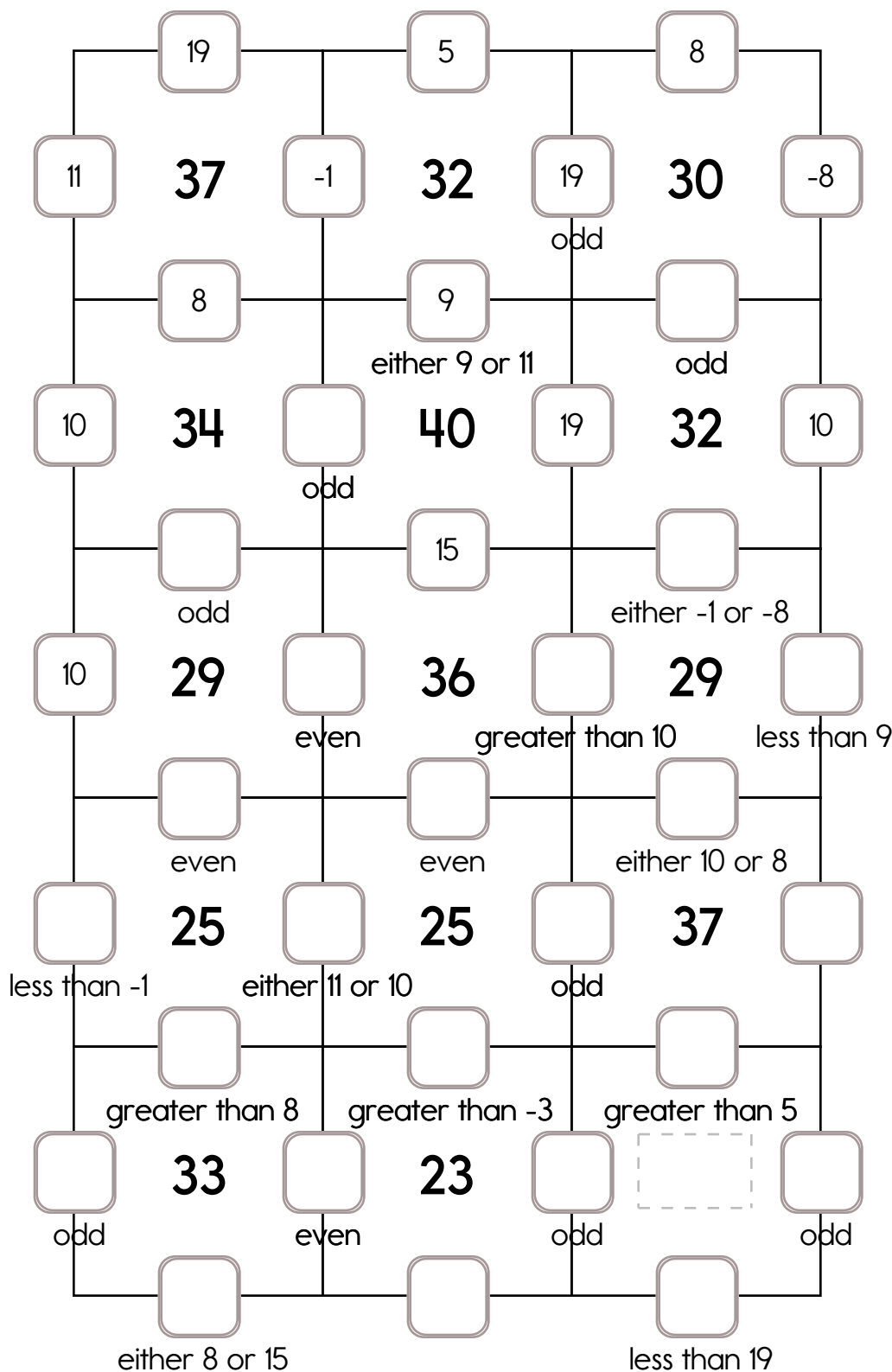


Name: _____

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: -3, -8, or -1.

The other three numbers have to all be DIFFERENT and must be from these: 19, 8, 15, 9, 5, 10, or 11.





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