

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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 9 in your head

add 3

double it

Write the ones digit.

\_\_\_\_\_ **A**

imagine 5 in your head

subtract 2

add 7

Write the tens digit.

\_\_\_\_\_ **B**

imagine 5 in your head

subtract 5

add 9

Write the number.

\_\_\_\_\_ **C**

imagine 9 in your head

subtract 3

double it

Write the even digit in your answer.

\_\_\_\_\_ **D**

What is the sum?

**A + B + C + D**

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_ **e** **n** \_\_\_\_\_

3 before 13 \_\_\_\_\_

7 after 17 \_\_\_\_\_

3 after 13 \_\_\_\_\_

7 before 16 \_\_\_\_\_

1 after 19 \_\_\_\_\_

2 after 15 \_\_\_\_\_

1 before 18 \_\_\_\_\_

9 after 14 \_\_\_\_\_

5 after 11 \_\_\_\_\_

6 before 11 \_\_\_\_\_

4 after 16 \_\_\_\_\_

6 after 18 \_\_\_\_\_

8 before 12 \_\_\_\_\_

8 after 12 \_\_\_\_\_

8 after 18 \_\_\_\_\_

4 before 43 \_\_\_\_\_

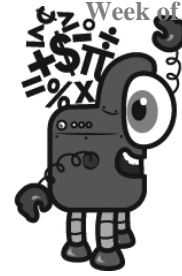
3 after 28 \_\_\_\_\_

4 after 69 \_\_\_\_\_

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

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

# Mental Math



= Do it  
in your  
head!

imagine 9 in your head

subtract 4

subtract 3

Write the number.

\_\_\_\_\_ A

imagine 8 in your head

subtract 4

add 2

Write the number.

\_\_\_\_\_ B

imagine 7 in your head

double it

subtract 2

Write the odd digit  
in your answer.

\_\_\_\_\_ C

imagine 2 in your head

add 7

double it

Write the tens digit.

\_\_\_\_\_ D

What is the sum?

$A + B + C + D$

\_\_\_\_\_

Wow! Great job! That's the answer, but do you know how to SPELL the number?

\_\_\_\_\_ n \_\_\_\_\_

7 after 15 \_\_\_\_\_

9 before 15 \_\_\_\_\_

7 before 12 \_\_\_\_\_

4 after 13 \_\_\_\_\_

6 before 13 \_\_\_\_\_

1 before 16 \_\_\_\_\_

8 after 11 \_\_\_\_\_

4 before 17 \_\_\_\_\_

5 before 18 \_\_\_\_\_

2 after 18 \_\_\_\_\_

8 before 19 \_\_\_\_\_

3 before 14 \_\_\_\_\_

6 after 14 \_\_\_\_\_

2 before 11 \_\_\_\_\_

6 before 19 \_\_\_\_\_

1 after 19 \_\_\_\_\_

7 before 35 \_\_\_\_\_

5 before 99 \_\_\_\_\_

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

I do not like green eggs and ham in a box or with a fox. There are 26 green eggs in the fox's box. The fox took out 2 green eggs for his breakfast. He took out 4 green eggs to make a cake. How many green eggs are left in the box?

Alex has a box for his rock collection. The box is filled with clear plastic cubes. Each cube holds one rock. The box is six cubes long, three cubes high, and four cubes wide. How many cubes will fit in the box?

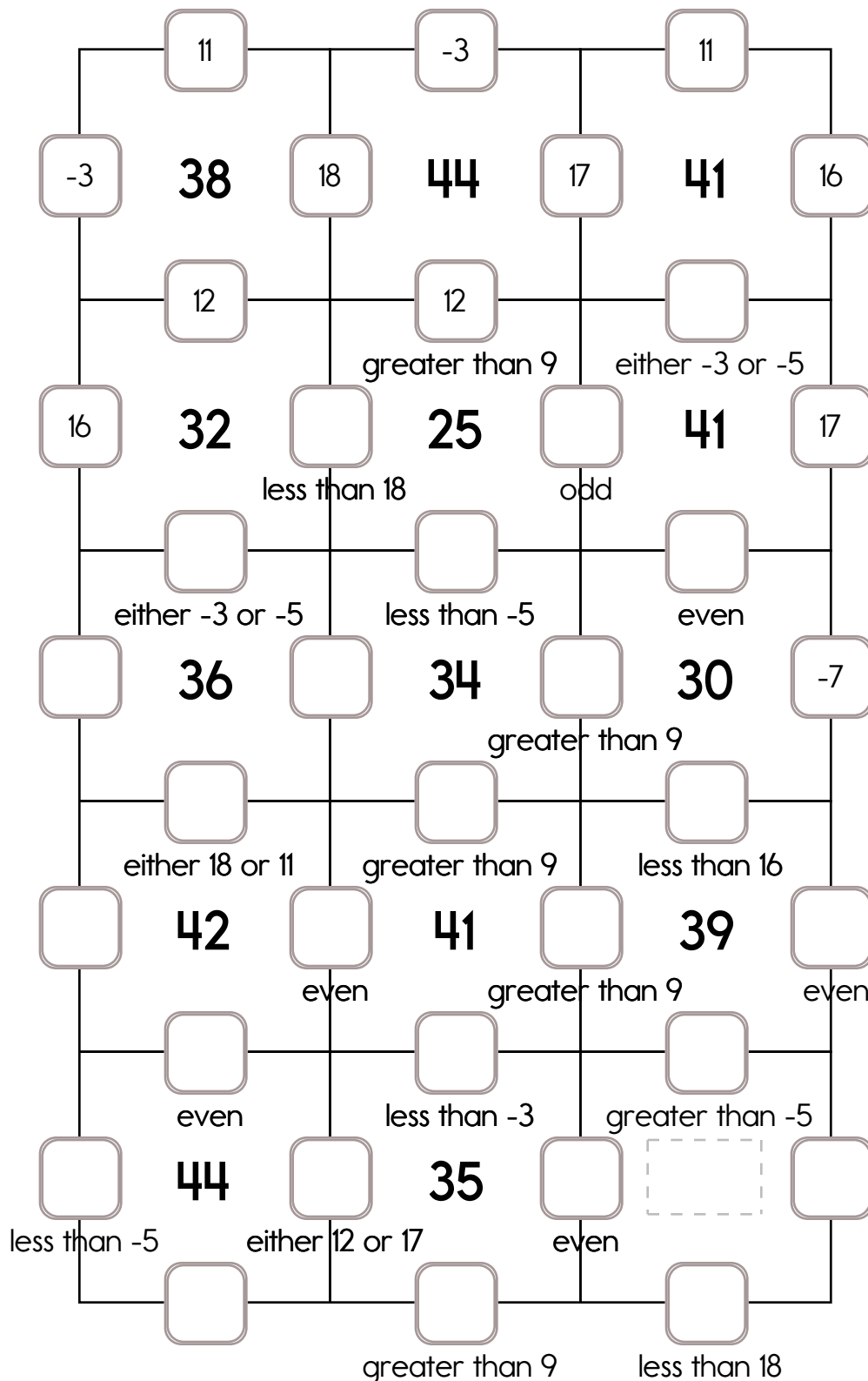
Jessica and Alex each ordered a pizza pie at CC's Pizza. CC's pizza is special in that they don't cut the pie into slices, you have to do that! When Jessica got her pie she cut it into 5 slices. Alex decided to cut his into 4 slices.

If Jessica ate 3 slices and Alex ate 2 slices, who ate more?

Rosa is at the toy store, and she brought her money to spend. She has 7 ten dollar bills and 10 five dollar bills. She wants to buy a toy that costs \$37.49 and a fidget spinner that is in the final sale section for only 89 cents. There is no tax at this store. She wants to prepare the bills to give the cashier before she goes there. Which bills should she take out of her wallet?

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, -7, or -3. The other three numbers have to all be DIFFERENT and must be from these: 18, 17, 12, 9, 11, or 16.



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

Mr. Smith gave each of his 4 children 34 pennies. How many pennies did he give his children in all?

There are 10 pieces of fudge on each plate. There are 6 plates. Count by tens. How many pieces of fudge are there in all?

Mrs. Rodriguez used 3 boxes of tomatoes in the salad. There were 5 tomatoes in each box. How many tomatoes did she use in all?

Write + or - in the circles.

$$1 \bigcirc 11 \bigcirc 7 = 4 \bigcirc 3 \bigcirc 4$$

$$6 \bigcirc 13 \bigcirc 7 = 9 \bigcirc 9 \bigcirc 6$$

Circle the abstract noun.  
cloud joy couch sun

Jason found out that 215 people in his school believed that they would have bad luck on Friday the 13th. There are 347 people in his school. How many did not believe they would have bad luck?

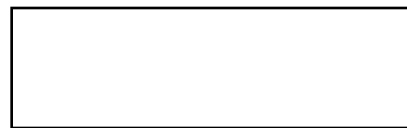
Fill in the blanks with these numbers:  
**4, 2, 2**

$$\begin{array}{r} \boxed{\phantom{00}} \phantom{00} 5 \\ \boxed{\phantom{00}} \phantom{00} 2 \\ + \boxed{\phantom{00}} \phantom{00} 2 \\ \hline 8 \phantom{00} 9 \end{array}$$

Fill in the blanks with these numbers:  
**3, 7, 2**

$$\begin{array}{r} 1 \phantom{00} 9 \\ 5 \phantom{00} \boxed{\phantom{00}} \\ + \boxed{\phantom{00}} \phantom{00} 5 \\ \hline 9 \phantom{00} \boxed{\phantom{00}} \end{array}$$

Color in  $\frac{1}{2}$  of the rectangle.



Add one hundred to 271.

\_\_\_\_\_

$$19 + \boxed{\phantom{00}} = 25$$

$$14 + \boxed{\phantom{00}} = 17$$

$$29 + \boxed{\phantom{00}} = 32$$

$$7 + \boxed{\phantom{00}} = 26$$

$$14 + \boxed{\phantom{00}} = 27$$

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

Fill in the boxes so each line equals 14.

14

18

-

4

÷

x

1

6

-

+

$$\begin{array}{r} 84 \\ - 51 \\ \hline \end{array}$$

$$\begin{array}{r} 47 \\ - 23 \\ \hline \end{array}$$

$$\begin{array}{r} 96 \\ - 24 \\ \hline \end{array}$$

Circle the words that are spelled correctly.

dansing

tenis

basketball

socer

summer

court

Write the final part of the math analogy.

eight fours : 32 :: four threes :

Explain why you think your answer is correct.

$$\begin{array}{r} 92 \\ - 81 \\ \hline \end{array}$$

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

$$\begin{array}{r} 67 \\ + 34 \\ \hline \end{array}$$

$$3 \overline{)24}$$

$$6 \overline{)18}$$

$$\begin{array}{r} 80 \\ - 44 \\ \hline \end{array}$$

Fill in the blanks with these numbers:  
5, 2, 0

7 0

$$\begin{array}{r} - \phantom{00} \\ \hline \phantom{00} 0 \end{array}$$

Fill in the blanks with these numbers:  
2, 1, 1

8

$$\begin{array}{r} - \phantom{00} \\ \hline \phantom{00} 8 \end{array}$$

$$97 + 8 = \underline{\hspace{2cm}}$$

$$9 \overline{)27}$$

word root **di** can mean **day**

**diary**

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

Fill in the boxes so each line equals 12.

12

$$\boxed{\phantom{00}} - \boxed{5}$$

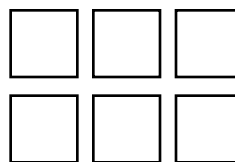
$$\boxed{\phantom{00}} \div \boxed{4}$$

$$\boxed{\phantom{00}} \times \boxed{3}$$

$$(\boxed{\phantom{00}} + \boxed{9}) - \boxed{\phantom{00}}$$

$$\begin{array}{r} 26 \\ + 60 \\ \hline \end{array}$$

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



$$\begin{array}{r} 22 \\ + 49 \\ \hline \end{array}$$

$$7 \overline{)49}$$

Round to the nearest thousand.

57,651 is rounded to \_\_\_\_\_

6,812 is rounded to \_\_\_\_\_

96,995 is rounded to \_\_\_\_\_

$$16 + \boxed{\phantom{00}} = 25$$

Fill in the blanks with these numbers:  
**2, 5, 3**

$$2 \quad \boxed{\phantom{00}}$$

$$+ \quad \boxed{\phantom{00}} \quad 7$$

$$\boxed{\phantom{00}} \quad 9$$

Fill in the blanks with these numbers:  
**5, 6, 1**

$$5 \quad \boxed{\phantom{00}}$$

$$+ \quad 2 \quad \boxed{\phantom{00}}$$

$$7 \quad \boxed{\phantom{00}}$$

$$17 + 9 = \underline{\hspace{2cm}}$$

Fill in the blanks with these numbers:  
**7, 4, 5**

$$\boxed{\phantom{00}} \quad \boxed{\phantom{00}}$$

$$- \quad \boxed{\phantom{00}} \quad 1$$

$$3 \quad 4$$

Fill in the blanks with these numbers:  
**9, 7, 2**

$$5 \quad \boxed{\phantom{00}}$$

$$+ \quad 1 \quad \boxed{\phantom{00}}$$

$$6 \quad \boxed{\phantom{00}}$$

$$\begin{array}{r} 62 \\ - 20 \\ \hline \end{array}$$

$$14 + \boxed{\phantom{00}} = 25$$

$$15 + \boxed{\phantom{00}} = 23$$

$$33 + \boxed{\phantom{00}} = 39$$

$$4 \times 1 = \underline{\hspace{2cm}}$$

$$11 \times 11 = \underline{\hspace{2cm}}$$

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

$$\begin{array}{r} 5,337 \\ - 1,125 \\ \hline \end{array}$$

$$\begin{array}{r} 5,573 \\ - 4,270 \\ \hline \end{array}$$

$$\begin{array}{r} 3,827 \\ + 4,334 \\ \hline \end{array}$$

$$\begin{array}{r} 1,870 \\ + 8,011 \\ \hline \end{array}$$

$$\begin{array}{r} 8,876 \\ + 6,004 \\ \hline \end{array}$$

$$\begin{array}{r} 6,408 \\ - 5,208 \\ \hline \end{array}$$

$$\begin{array}{r} 7,836 \\ - 6,113 \\ \hline \end{array}$$

$$\begin{array}{r} 1,467 \\ + 8,003 \\ \hline \end{array}$$

$$\begin{array}{r} 3,432 \\ + 5,520 \\ \hline \end{array}$$

$$\begin{array}{r} 9,815 \\ - 1,521 \\ \hline \end{array}$$

$$\begin{array}{r} 3,465 \\ + 1,311 \\ \hline \end{array}$$

$$\begin{array}{r} 7,225 \\ - 3,737 \\ \hline \end{array}$$

$$\begin{array}{r} 13,081 \\ - 7,639 \\ \hline \end{array}$$

$$\begin{array}{r} 5,666 \\ + 6,448 \\ \hline \end{array}$$

$$\begin{array}{r} 3,767 \\ + 4,963 \\ \hline \end{array}$$

$$\begin{array}{r} 7,351 \\ + 4,202 \\ \hline \end{array}$$

$$\begin{array}{r} 11,002 \\ - 2,632 \\ \hline \end{array}$$

$$\begin{array}{r} 9,610 \\ - 5,455 \\ \hline \end{array}$$

$$\begin{array}{r} 14,298 \\ - 7,166 \\ \hline \end{array}$$

$$\begin{array}{r} 8,775 \\ - 5,361 \\ \hline \end{array}$$

$$\begin{array}{r} 16,395 \\ - 7,832 \\ \hline \end{array}$$

$$\begin{array}{r} 6,786 \\ + 1,965 \\ \hline \end{array}$$

$$\begin{array}{r} 5,047 \\ + 1,697 \\ \hline \end{array}$$

$$\begin{array}{r} 9,350 \\ + 9,492 \\ \hline \end{array}$$

$$\begin{array}{r} 12,307 \\ - 6,484 \\ \hline \end{array}$$

$$\begin{array}{r} 7,124 \\ + 2,279 \\ \hline \end{array}$$

$$\begin{array}{r} 5,216 \\ + 8,973 \\ \hline \end{array}$$

$$\begin{array}{r} 4,361 \\ + 5,032 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ + 7 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 9 \\ \hline \square \\ + 7 \\ \hline \end{array}$$

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

$$\begin{array}{r} 30 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ + 9 \\ \hline \square \\ - 2 \\ \hline \square \end{array}$$

$$\begin{array}{r} - 6 \\ \hline \square \\ + 3 \\ \hline \end{array}$$

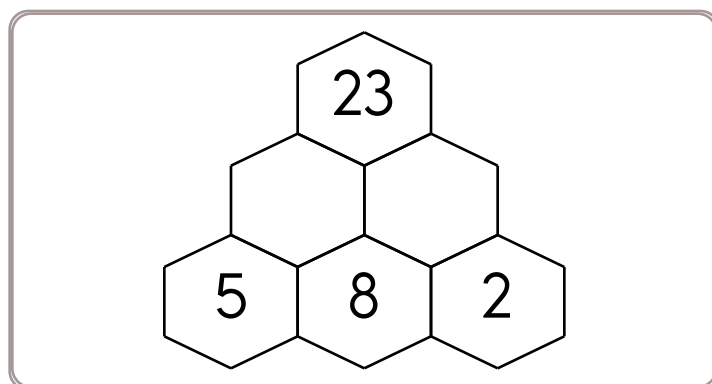
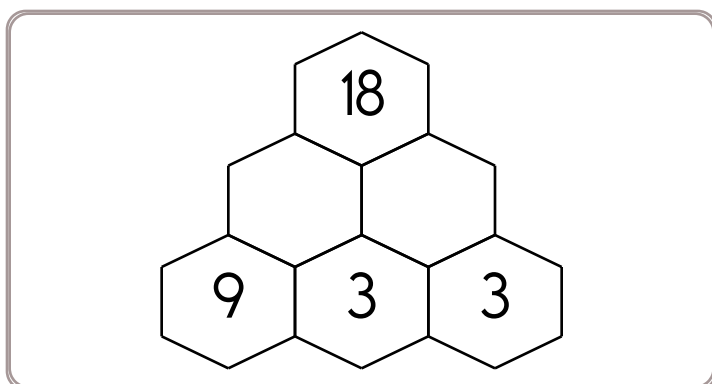
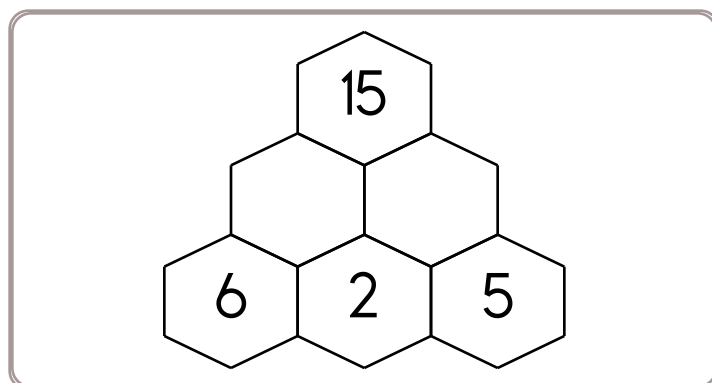
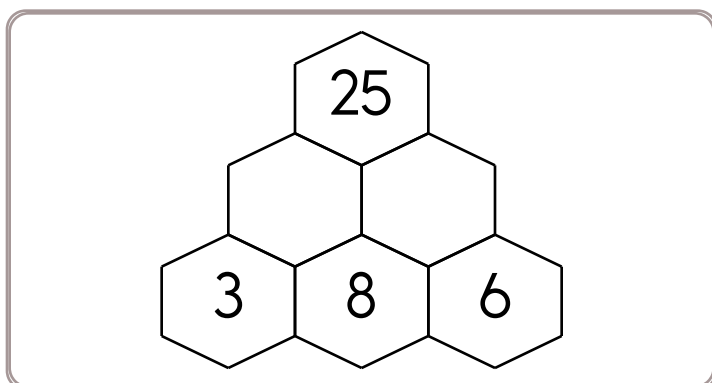
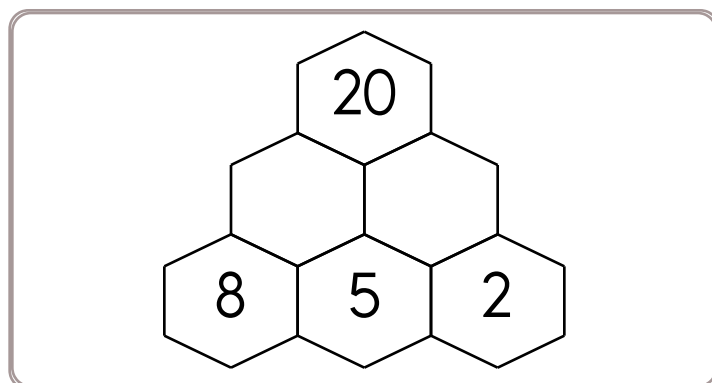
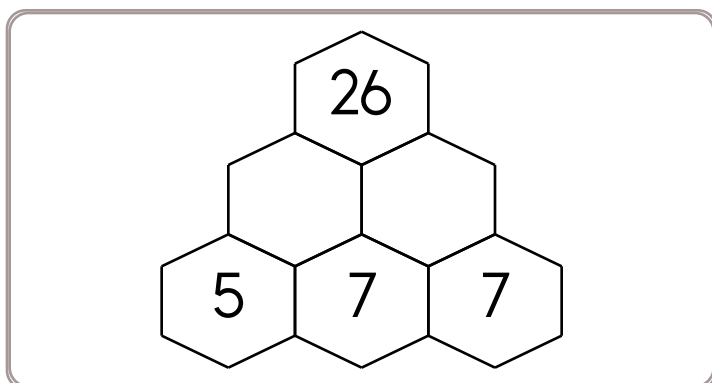
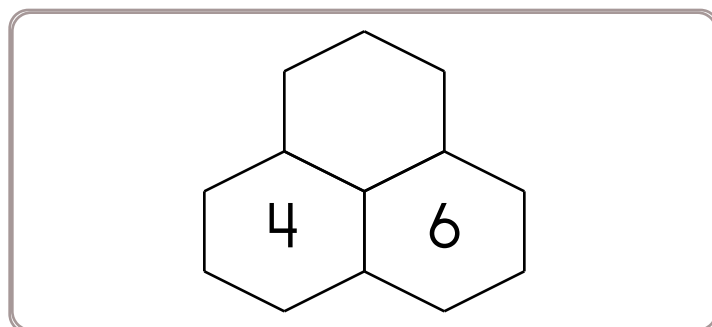
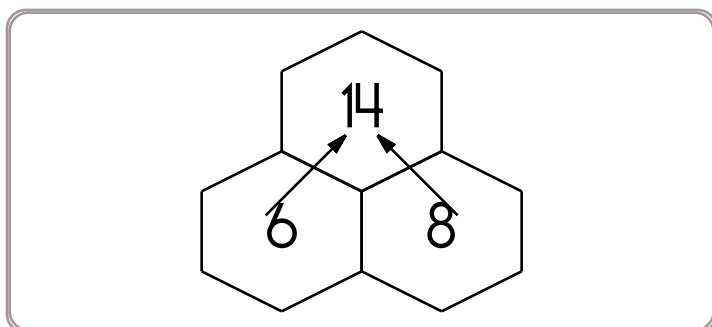
$$\begin{array}{r} 25 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ + 2 \\ \hline \square \end{array}$$



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

Fill in the blanks by adding the two numbers below each hexagon.



$41 + 1 = \underline{\hspace{2cm}}$

Write the abstract noun on the line.  
law, court, judge, lawyer

\_\_\_\_\_

$16 + \square = 30$

$26 + \square = 39$

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

## Can you guess the word?

No duplicate letters can be used.

**S** T A C K

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

S  A I N

The letter T is in the word,  
but T 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** **A** **U** **L** **T**  
**G** **U** **I** **L** **T**

B C D E H J K M N O P Q R S V W  
X Y Z

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

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

Hint: There are no duplicate letters in the answer.

**L** **A** **T** **E** **R**  
**U** **R** **B** **A** **N**  
**S** **C** **R** **A** **P**

D F G H I J K M O Q V W X Y Z

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

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

Hint: There are no duplicate letters in the answer.

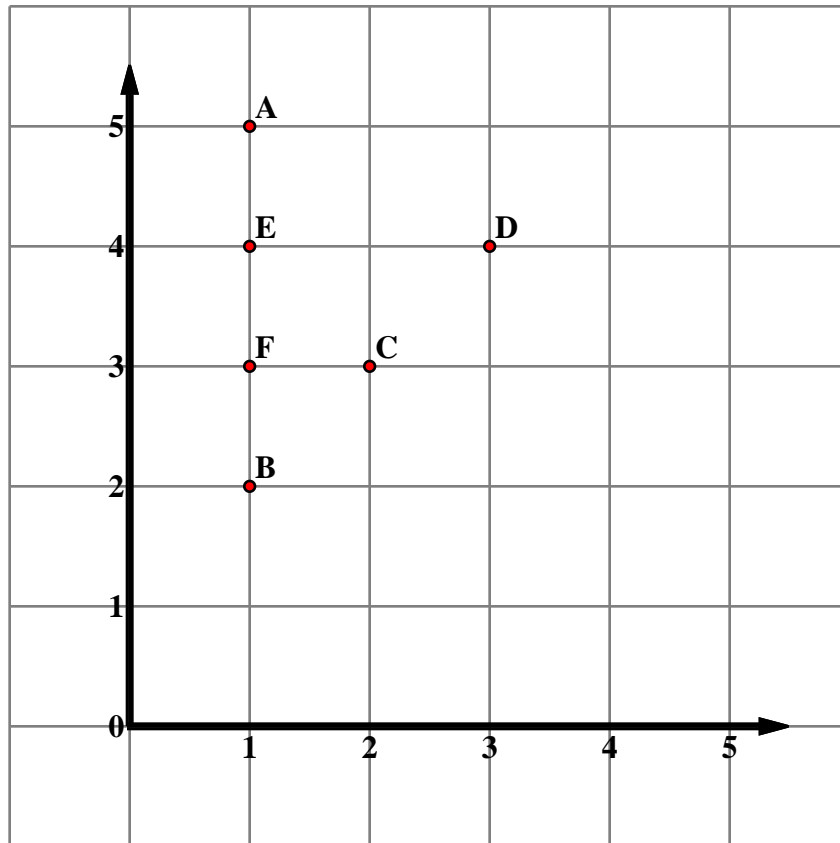
**A** **D** **M** **I** **T**  
**W** **R** **A** **T** **H**

B C E F G J K L N O P Q S U V X  
Y Z

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

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

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



Write the letter that is at the ordered pair.

- |                      |                   |                   |
|----------------------|-------------------|-------------------|
| 1. $(1, 4)$ <u>E</u> | 2. $(2, 3)$ _____ | 3. $(3, 4)$ _____ |
| 4. $(1, 5)$ _____    | 5. $(1, 3)$ _____ | 6. $(1, 2)$ _____ |

Write the ordered pair for the given point.

- |  |                    |                    |
|--|--------------------|--------------------|
| 7. <b>C</b> <u><math>(2, 3)</math></u> | 8. <b>F</b> _____  | 9. <b>D</b> _____  |
| 10. <b>A</b> _____                     | 11. <b>E</b> _____ | 12. <b>B</b> _____ |

Plot each point on the coordinate grid.

- |                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| 13. <b>G</b> $(2, 2)$ _____ | 14. <b>H</b> $(3, 5)$ _____ | 15. <b>I</b> $(5, 2)$ _____ |
| 16. <b>J</b> $(3, 1)$ _____ | 17. <b>K</b> $(3, 2)$ _____ | 18. <b>L</b> $(2, 5)$ _____ |
| 19. <b>M</b> $(4, 2)$ _____ | 20. <b>N</b> $(4, 1)$ _____ | 21. <b>O</b> $(4, 3)$ _____ |

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

Draw a line from START to END.

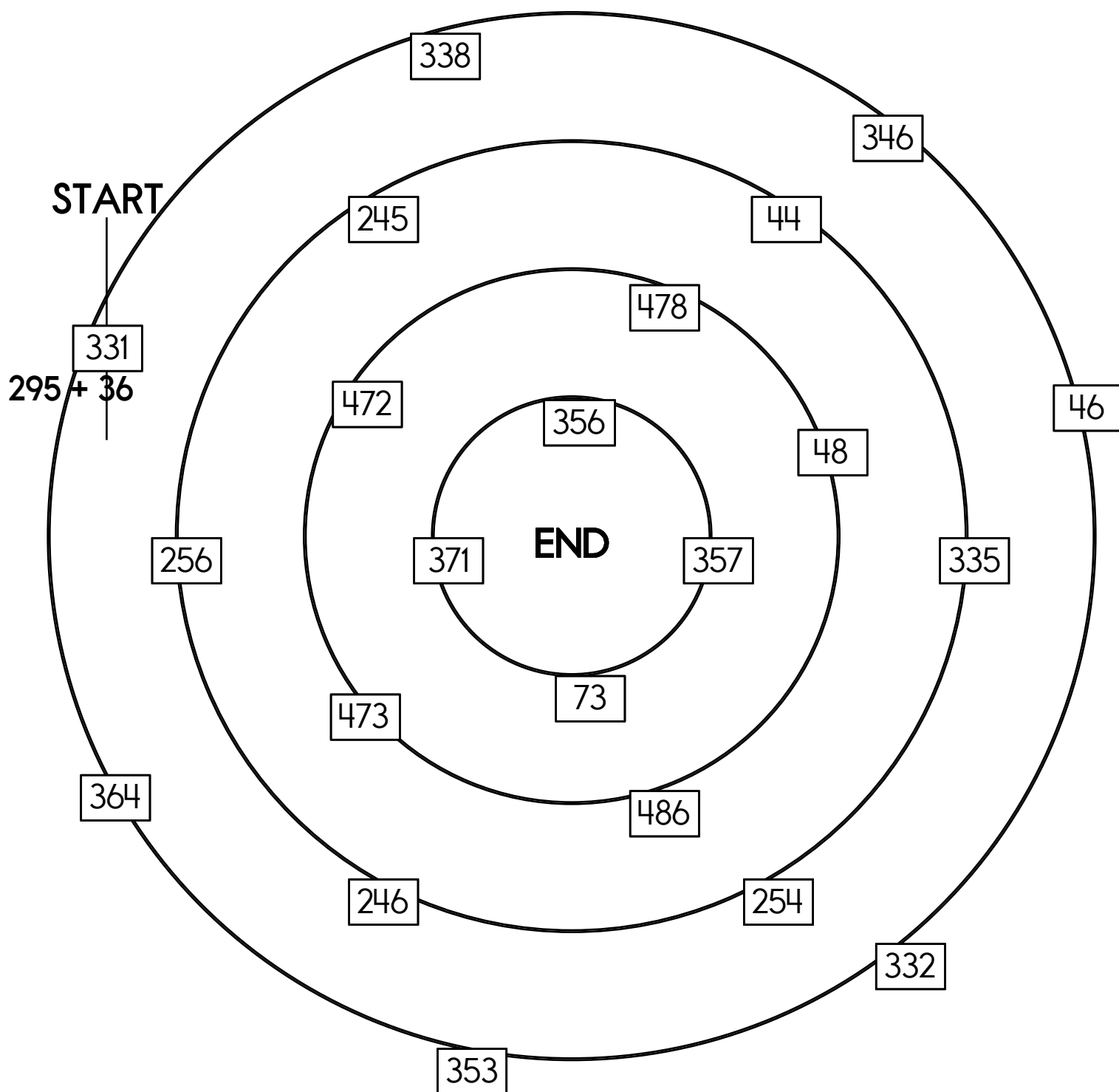
$$313 + 43$$

$$500 - 28$$

$$259 - 14$$

~~$$295 + 36$$~~

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



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

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.

GIFTS \_\_\_\_\_ NOTCHES \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

<p>Fill in the blanks with these numbers: <b>7, 3, 8</b></p> $\begin{array}{r} 4 \quad \square \\ + \quad \square \quad 9 \\ \hline \square \quad 6 \end{array}$	<p>Fill in the blanks with these numbers: <b>4, 3, 4</b></p> $\begin{array}{r} 6 \quad 8 \\ - \quad 3 \quad \square \\ \hline \square \quad \square \end{array}$	<p><input type="radio"/> yett <input type="radio"/> yuht <input type="radio"/> yut <input type="radio"/> yet</p>	$\begin{array}{r} 5 \overline{)35} \\ 3 \overline{)12} \end{array}$	
<p>Fill in the blanks with these numbers: <b>2, 1, 3</b></p> $\begin{array}{r} \square \quad 1 \\ + \quad \square \quad \square \\ \hline 4 \quad 3 \end{array}$	<p>Fill in the blanks with these numbers: <b>5, 8, 1</b></p> $\begin{array}{r} \square \quad \square \\ - \quad 2 \quad 7 \\ \hline 3 \quad \square \end{array}$	$\begin{array}{r} 27 \\ + 70 \\ \hline \end{array}$	$\begin{array}{r} 79 \\ + 90 \\ \hline \end{array}$	
$3 + 1 = \square$		$7 - 6 = \square$	$12 - 7 = \square$	$7 + 8 = \square$

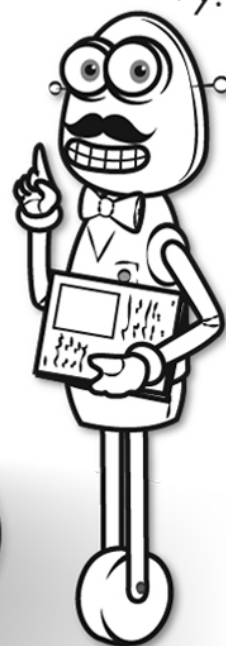


It's NO PREP at edHelper.

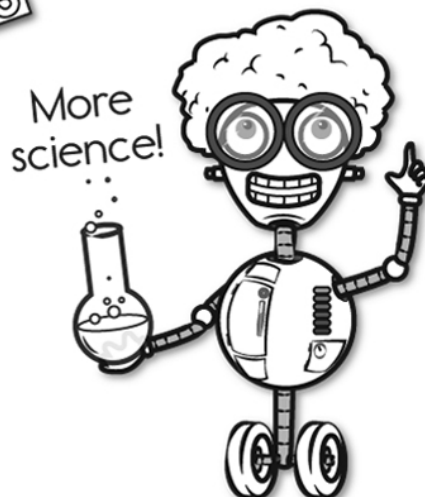
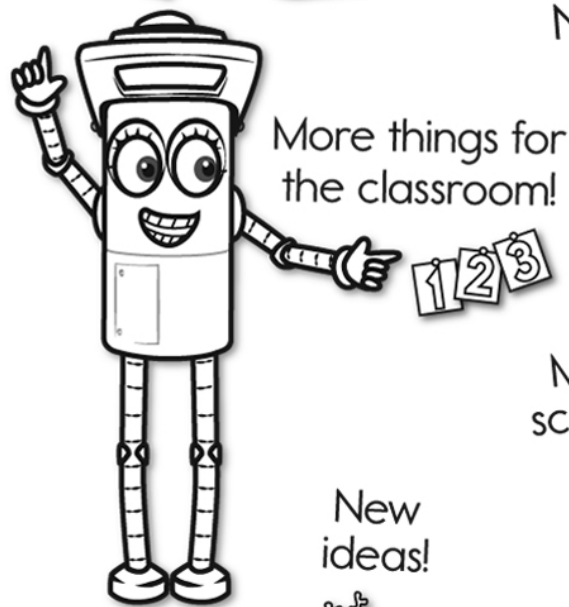
More history!



# edHelper.com!



New online math games!



New ideas!



$\times$   
 $\times =$   
 $- \div$   
 $< - >$

More puzzles!

