

Name: _____

Adam is 2 years younger than Emily. Emma is 6 years younger than Adam. Connor is 7 years older than Emma. Connor is 23 years old.

How old is everyone else?

Fill in the missing numerators.

$$\frac{1}{7} = \frac{\quad}{42}$$

$$\frac{1}{4} = \frac{\quad}{16}$$

$$\frac{5}{6} = \frac{\quad}{66}$$

$$\frac{6}{8} = \frac{\quad}{72}$$

Name: _____

Ready to make equations? There is a missing equation in each box.
Circle the numbers once you find it!

A

77	73	93
31	48	10
50	81	54
68	97	11

Find a subtraction fact.

B

79	93	52
28	43	66
75	97	19
22	90	67

Find a subtraction fact.

C

92	84	71
94	26	79
72	90	80
81	7	42

Find a subtraction fact.

Equations:

Write the equation facts you found.

A	81	-	31	=	50
B		-		=	75
C	79	-		=	

7 x 5 =

8 cm = _____ mm

3 x 11 =

How many digits are in the current year?

3	6	5
-	2	0
<hr/>		

70 ÷ 10 =

2	2	0
+	3	3
<hr/>		

How many yards are in 21 feet?

_____ yards

Underline the cause in the sentence.

Greg forgot his lunch, so he was starving at dinnertime.

Name: _____

Match each pattern to its rule.

x 6.3

500.4888, 80.724, 13.02, 2.1

x 6.4

x 6.6

÷ 6.5

686.5625, 105.625, 16.25, 2.5

1.7, 10.71, 67.473, 425.0799

1.3, 8.32, 53.248, 340.7872

738.8168, 119.164, 19.22, 3.1

4.5, 29.7, 196.02, 1,293.732

Find the product of 694 and 9.

$$\begin{array}{r} 23 \\ \times 5 \\ \hline \end{array}$$

Multiply 4079 and 2.

How many meters are there in 183 kilometers?

Estimate quickly the difference.
7,030 - 2,050

How many centimeters in 540.4 meters?

Round 14,507 to the nearest thousand.

$$11 \div \frac{1}{6}$$

49 divided by 7 equals

word root **ose** can mean **sugar**

fructose, sucrose

Name: _____

Write the reciprocal.

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

Write the reciprocal.

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

Write the reciprocal.

$$\frac{13}{2}$$

$$4 - \frac{1}{10} + \frac{1}{4} =$$

Reduce $\frac{48}{54}$ to its lowest terms.

$$15 + \frac{7}{11} + \frac{11}{12} =$$

$$35 + -43 =$$

$$6 \times -3 =$$

$$-5 + 11 =$$

An angle measures 100° .
What would you call this angle?

What kind of angle has
a measure of between
 0° and 90° ?

Sketch a right angle named
 $\angle BCD$.

$$\begin{array}{r} 0.6 \\ - 0.26 \\ \hline \end{array}$$

$$\begin{array}{r} 6.94 \\ + 4.6 \\ \hline \end{array}$$

$$0.34 + 9.6 =$$

Name: _____

$$x + 4 = 18$$

What is the least common multiple of 12 and 3?

What is the least common multiple of 10 and 15?



What kind of angle is this?

Sketch 2 lines \overleftrightarrow{LM} and \overleftrightarrow{VW} that are perpendicular.

$$\frac{8}{?} = \frac{1}{9}$$

Change to a percent.

$$\frac{95}{100}$$

Write the ratio as a fraction.
10 quarters to 2 nickels

$$571 - 4165 =$$

$$\begin{array}{r} 76 \\ + 85 \\ \hline \end{array}$$

$$\begin{array}{r} 273 \\ - 252 \\ \hline \end{array}$$

$$8y = 32$$

$$\frac{N}{4} = 11$$

$$9y = 27$$

Name: _____

Kevin knows that his teacher loves birds. He is building a birdhouse for her for Teacher Appreciation Week. He started working on the birdhouse at 2:42 p.m. Saturday afternoon. He worked until it was all finished at 4:14 p.m. that evening. How long did Kevin work on the birdhouse?	Emma has 2.5 liters of milk to pour into glasses. If each glass holds 250 milliliters of milk, how many glasses can she fill?	Jason and Peter took pictures of a meteor shower. Jason took 30 pictures. If Peter took 3 more pictures, he would have taken one-half as many pictures as Jason. How many pictures did Peter take?
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April will win if a random number pulled out of a box is a multiple of 6. 36 pieces of paper, numbered 25 to 60, are put inside a box. What is the chance that April will win?	$\begin{array}{r} 37 \\ + 36 \\ \hline \end{array}$	Based on context, write what you think the underlined word means. Sometimes criminals may <u>evade</u> arrest for a while, but they usually can't run forever. _____
	$\begin{array}{r} 74 \\ - 59 \\ \hline \end{array}$	In the attack on Pearl Harbor 3,581 died or were wounded. The 1,178 that were wounded comprise what percent of the total? Round off your answer to the nearest 0.1%.

Name: _____

<p>1 kg = 1,000 g</p> <p>18 kg = _____ g</p>	<p>Nine kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is \$90. How much is one kids ticket? How much is one adult ticket?</p>
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<p>What time is 13 hours after 2:00 p.m.?</p> <p>_____</p>	<p>How far do you think it is from your desk to your teacher's desk? Write an estimate of the distance you think it could be.</p>
<p>Write a letter that has two or more lines of symmetry.</p> <p>_____</p>	

<p>4 x 3 =</p>	<p>For 8,687,565,209,211, write the digit that is in the hundred thousands place.</p> <p>_____</p>	<p>(3 + 7) + 4 =</p>
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<p>The circus is in town! Tickets are only \$7 for kids. Adults need to pay double the price of kids tickets. Emily is bringing four of her friends in her class. Her mom is also coming. Emily wants to pay for everyone. How much will she need to pay?</p>	<p>Write down the two synonyms in this sentence.</p> <p>Few people like to clean their rooms, but most people enjoy a tidy space.</p> <p>_____</p> <p>_____</p>
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<p>Explain what is meant by the underlined word.</p> <p>When I got my test results, my teacher told me that I was very <u>bright</u>.</p> <p>_____</p>	<p>21 ÷ 3 =</p>
--	-----------------

Name: _____

Draw a shape that has between three and six lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

Circle the greatest number:

62,485,079,026

1,574

906,382,931

413,785,451,937

Circle the smallest number:

741,568,203,926

4,876,130,478

95,103

295,305

Emily has two favorite numbers. If you add her favorite numbers, you get 24. If you multiply her favorite numbers, you get 119. What are her mystery numbers?

Can 900 be evenly divided by 10? Circle:

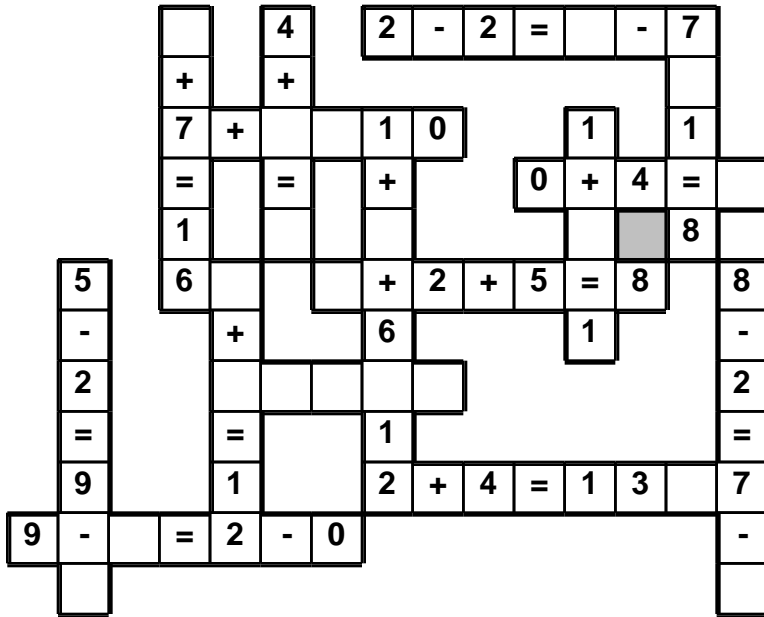
900 is evenly divisible by 10

900 is NOT evenly divisible by 10

$$66 \div 6 =$$

Write a letter that has a line of symmetry.

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



associative property
commutative property

In the number 190,544, the digit 9 is in what place?

Name: _____

Four students (Stephanie, Jose, Madison, and Ashley) at a school have each been assigned a different id number (7,314,265, 40,446, 6,547,329, and 37,491). Each of the students is in a different grade (third, eighth, sixth, and second).

Figure out the id number and grade level for each student.

1. The student in the sixth grade does not have a four in the tens digit.
2. Madison's number is one thousand more than thirty-nine thousand, four hundred forty-six.
3. The ten thousands digit in 39,746,285 is one more than the grade that Jose is in.
4. The student in the eighth grade has an ID number equal to $200 + 300,000 + 60 + 10,000 + 5 + 4,000 + 7,000,000$.
5. The ones digit in Ashley's ID number is seven more than the tens digit.
6. The largest place value in Stephanie's ID number is the hundred millions digit.

Stephanie has an ID number of _____ and is in the _____ grade.

Jose has an ID number of _____ and is in the _____ grade.

Madison has an ID number of _____ and is in the _____ grade.

Ashley has an ID number of _____ and is in the _____ grade.

Anne wrote down a fraction on a piece of paper. If you take her fraction and multiply it by three you get eleven. Can you guess what her fraction is?

Write this as a number in standard form.
Use a comma in your number.

three hundred forty-eight thousand two hundred eight


In each group, circle the word that is spelled correctly.

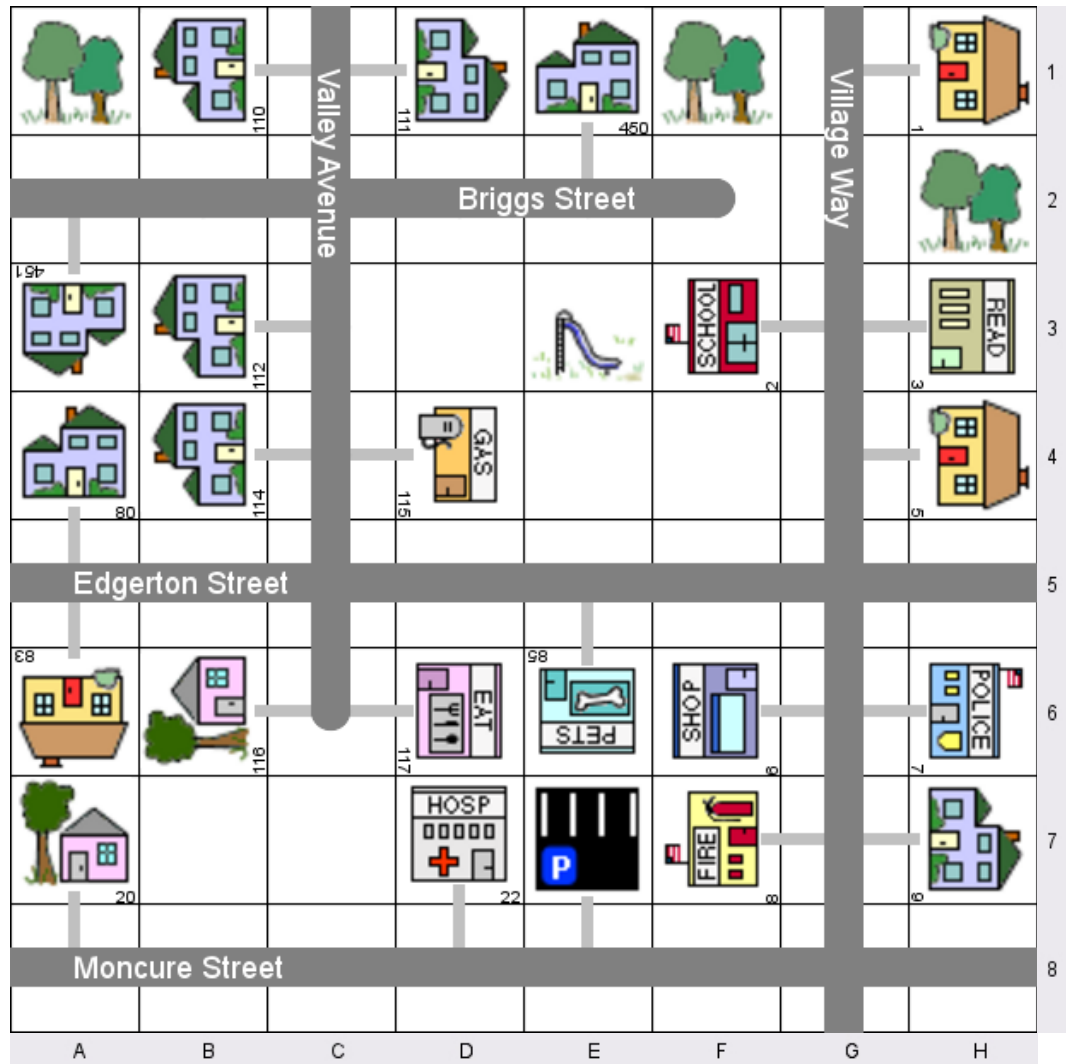
memerable, memorable,
memorable

mountain, mountan, mowntain
melon, melain, melin

Name: _____




= 170 meters



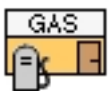
Circle the one at F,3.



Circle the one at E,3.



115 Valley Avenue



is at _____.

5 Village Way



is at _____.

451 Briggs Street



is at _____.

83 Edgerton Street



is at _____.

450 Briggs Street



is at _____.

80 Edgerton Street





is at _____.

Name: _____

The store at 6 Village Way is across from

Which street has a police station?



Which street has a library?



Go _____ to drive from the
restaurant at 117 Valley Avenue  to the
house at 110 Valley Avenue .

[Hint: Use north, south, west, or east.]

Valley Avenue is _____
of Village Way.

Briggs Street is _____
of Edgerton Street.

Write the total distance to go from the
hospital at 22 Moncure Street  to the
hospital at 22 Moncure Street .

Write the total distance to go from the
house at 110 Valley Avenue  to the
house at 450 Briggs Street .

Write directions to get from the house at 451 Briggs Street to the house at 450 Briggs Street.

Begin at the house at 111 Valley Avenue. Walk the path to the road. The distance from your starting point to the road (the little path) is 48 meters. Go south on Valley Avenue. Your final destination is on the east side of Valley Avenue. You will have walked a total of 102 meters from your starting point (including the 48 meters path at the end of your walk). What is your final destination?

Name: _____

X	6		4	9		
			40		90	
	<u> </u> x <u>6</u>	<u> </u> x <u> </u>	<u> </u> x <u>4</u>	<u> </u> x <u>9</u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>
			32			72
	<u> </u> x <u>6</u>	<u> </u> x <u> </u>	<u> </u> x <u>4</u>	<u> </u> x <u>9</u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>
				99		99
	<u> </u> x <u>6</u>	<u> </u> x <u> </u>	<u> </u> x <u>4</u>	<u> </u> x <u>9</u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>
8	48		32			
	<u>8</u> x <u>6</u>	<u>8</u> x <u> </u>	<u>8</u> x <u>4</u>	<u>8</u> x <u>9</u>	<u>8</u> x <u> </u>	<u>8</u> x <u> </u>
				18		
	<u> </u> x <u>6</u>	<u> </u> x <u> </u>	<u> </u> x <u>4</u>	<u> </u> x <u>9</u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>
	12					
	<u> </u> x <u>6</u>	<u> </u> x <u> </u>	<u> </u> x <u>4</u>	<u> </u> x <u>9</u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>
	42					
	<u> </u> x <u>6</u>	<u> </u> x <u> </u>	<u> </u> x <u>4</u>	<u> </u> x <u>9</u>	<u> </u> x <u> </u>	<u> </u> x <u> </u>
5	30	55				45
	<u>5</u> x <u>6</u>	<u>5</u> x <u> </u>	<u>5</u> x <u>4</u>	<u>5</u> x <u>9</u>	<u>5</u> x <u> </u>	<u>5</u> x <u> </u>

Write 9,056,339 in words.

Name: _____

I am the largest whole number that rounds to 220 when rounding to the nearest ten.

The product of three consecutive numbers is 336. What are the numbers?

$2\frac{1}{2}$

$2\frac{4}{7}$

$1\frac{5}{6}$

$1\frac{1}{3}$

$2\frac{2}{3}$

$2\frac{2}{5}$

$1\frac{3}{8}$

$1\frac{5}{8}$

$2\frac{2}{7}$

Name two of the above numbers that have a difference of $\frac{37}{56}$.

Name: _____

$$9 + \frac{3}{5} - \frac{2}{5} =$$

$$68 - \frac{10}{11} =$$

$$19 + \frac{1}{2} - \frac{2}{7} =$$

Find the least common denominator.

$$\frac{3}{7} \text{ and } \frac{5}{10}$$

$$\begin{array}{r} 2\frac{1}{2} \\ - 1\frac{4}{6} \\ \hline \end{array}$$

Reduce each fraction to its lowest terms.

$$\frac{35}{49} =$$

$$\frac{8}{24} =$$

$$\frac{18}{21} =$$

$$\frac{3}{6} =$$

$$\frac{5}{35} =$$

$$\frac{77}{98} =$$

$$\begin{array}{r} 9\frac{5}{9} \\ - 4 \\ \hline \end{array}$$

Find the least common denominator.

$$\frac{12}{28}, \frac{20}{35} \text{ and } \frac{4}{63}$$

$$\begin{array}{r} 13\frac{2}{5} \\ - 7 \\ \hline \end{array}$$

Write as a decimal.
Twenty-three hundredths

Write as a decimal.
Six thousandths

Write as a decimal.
Sixteen and seven tenths

Name: _____

Write as a decimal.

$$3\frac{1}{10}$$

Write as a decimal.

$$20\frac{35}{100}$$

Write as a decimal.
Nineteen and fourteen hundredths

Write as a decimal.

$$\frac{2}{10}$$

Write as a decimal.
Eleven and five hundredths

Write as a decimal.

$$18\frac{585}{1000}$$

What is the sum of 7.2 and 6.7?

$$0.24 + 4.5 =$$

$$\begin{array}{r} 0.7 \\ - 0.6 \\ \hline \end{array}$$

$$3 \overline{) 26.4}$$

Change $\frac{69}{100}$ to a decimal.

Change $\frac{1}{2}$ to a decimal.

Change $\frac{28}{50}$ to a decimal.

$$9 \overline{) 1.8}$$

$$2 \overline{) 19.2}$$

Name: _____

$$19 + \frac{1}{10} + \frac{2}{11} =$$

$$13 - \frac{7}{10} + \frac{6}{7} =$$

Reduce $\frac{2}{26}$ to its lowest terms.

Reduce $\frac{64}{76}$ to its lowest terms.

Reduce $\frac{18}{36}$ to its lowest terms.

$$17 + \frac{3}{5} + \frac{1}{4} =$$

Find the least common denominator.

$$\frac{7}{10} \text{ and } \frac{2}{5}$$

$$\begin{array}{r} \frac{7}{8} \\ - \frac{1}{3} \\ \hline \end{array}$$

Find the least common denominator.

$$\frac{4}{8} \text{ and } \frac{13}{32}$$

$$\begin{array}{r} 0.65 \\ \times \quad 2 \\ \hline \end{array}$$

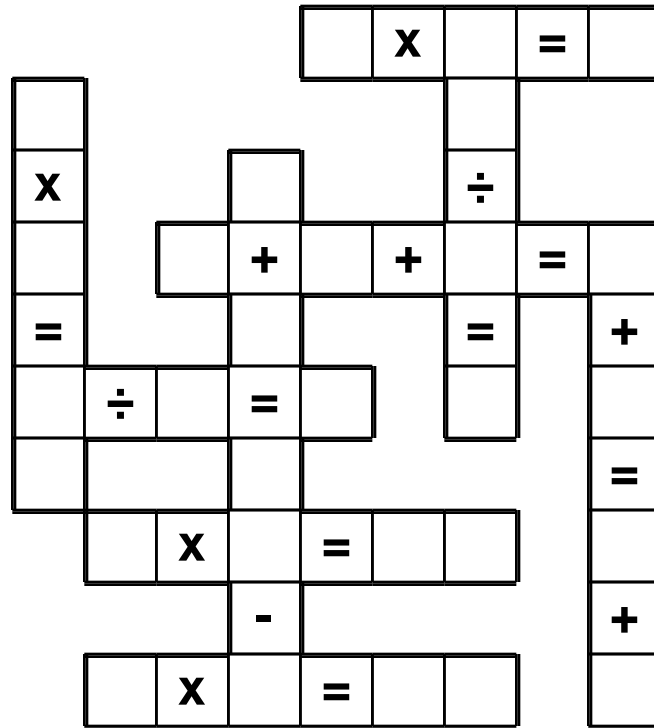
$$\begin{array}{r} 4.6 \\ \times \quad 3 \\ \hline \end{array}$$

Change $\frac{2}{4}$ to a decimal.

Name: _____

0 • 1 • 0 • 6 • 8 • 1 • 4 • 0 • 2 • 6 • 8 • 7 • 2 • 2 • 1 • 3 • 6
4 • 1 • 9 • 4 • 3 • 6 • 7 • 9 • 6 • 5 • 4 • 7

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



How much time is it from
9:00 a.m. to 10:35 a.m.?

$$(2 + 8) - 5$$

Know how many inches in
a foot? Okay, smarty pants,
how many inches in 5 feet?

32, 35, _____, 43, 48,
55, 62, 71, 80, 91, 102,
115, 128, 143, 158, 175

The area of a rectangle
is 50 cm^2 . What could
the length of the 4 sides
be?

How much money is 1
quarter, 1 dime, 1 nickel, and
8 pennies?

Name: _____

Sudoku Sums of 11

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 11.

Here is an example of a sudoku sum of 11:

5	6
---	---

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

Rewrite $8 - 6$

___ + ___ = ___

$16 - 5 = \underline{\quad}$

$16 + -5 = \underline{\quad}$

On a number line, what is the number that is 7 to the left of 5?

Name: _____

Use each of the blocks to spell two different words.
Hint: The word triple is a word in the blocks.

T	R
M	

P	L
	S

I
D

E
T

1.	T	R		P	L	
2.	M	O		E	S	

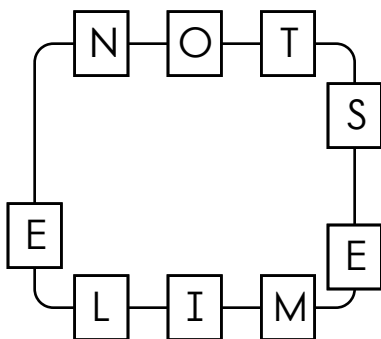
Draw one line to find two words in each puzzle. The bold letters start each word.
You can move left, right, up, or down. Write the two words that you find.

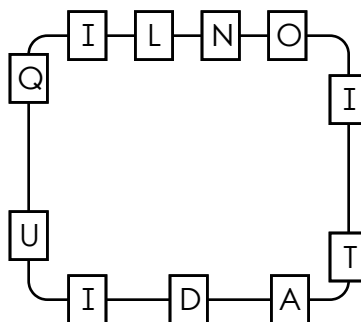
Q A W T M Y V D
O B O Q R Y U L
E O B Y E J O A
T J U X S **S** U M
C X B O Y E B R
J U O U R N N O
Y Q **J** I I U P H
A S J D A H O Y

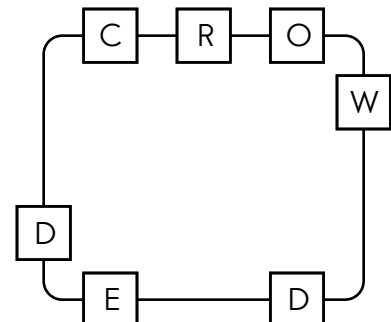
I L P V B T F A
O A W D A G O O
T E V V D K R I
F O L E **V** T H P
E R R P K E F E
M O S T S D A U
Z L A V M J O S
C Q I Q O A G V

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

Write the hidden word. Start at one letter and then move either left or right. Continue in same direction.









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