Name: $\qquad$

Help Robot find Rover. Color the boxes that have a difference of 7,5 , or 3 to make a path.


|  | 7-2 = | $7-4=$ | 8-3 = | 10-5 = | 10-7 = | 13-8 = | 9-2 = |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 10-4 = | 9-1 = | 15-11 = | 8-7 = | 15-3 = | 13-10 = | $11-4=$ | 8-1 = |
| $9-3=$ | 13-5 = | $12-3=$ | $14-13=$ | $11-10=$ | 7-4 = | 14-8 = | 10-2 = |
| 9-1 = | 7-1 = | $13-12=$ | $9-7=$ | 15-13= | $7-4=$ | $11-6=$ | 14-9 = |
| $9-3$ = | 8-7 = | $12-9=$ | 14-7 = | 7-2 = | $12-9=$ | 10-3 = | 8-5 = |
| 10-1 = | 8-7 = | 10-2 = | $11-4=$ | $12-7=$ | 13-10 = | $11-4=$ | 15-8= |
| 12-5 = | 12-5 = | $12-5=$ | 10-5 = | $12-9=$ | $9-6=$ | $14-11=$ | 8-5 = |
| 11-8 = | 12-9 = | $9-2=$ | $15-12=$ | 11-8 = | $12-9=$ | $7-4=$ | 13-8 = |
| 7-5 = | 13-2 = | 12-1 = | 11-5 = | 8-6 = | 7-3 = | 10-6 = |  |

Name: $\qquad$
Draw a line from START to END.
433-48
$215+41$
$263+33$
322-31

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


Name: $\qquad$
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Example:


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

$4+\square=9 \quad 21+\square=26 \quad 7+\square=38 \quad 14+\square=36$

Name: $\qquad$
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: 1 one, 5 ones, or 4 ones. The other three numbers have to all be DIFFERENT and must be from these: 8 tens, 6 tens, 3 tens, or 1 ten.


Name:
Cross off the letter that does NOT belong.
E, G, I, K, M, O, Q, R, S, U, W, Y
$\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.

$$
\begin{aligned}
& 4,3,3,4,4,4,3,3,4,4,4,4,4,3,3, \\
& \text { 4, 4, 4, 4, 4, 4, 4, 4, 3, 3, 4, 4, Ч, } 4
\end{aligned}
$$

Why does $\qquad$ not belong in the pattern?

Name:

| 36 | -4 | +8 |  | -1 | +6 |  | -7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  | -30 | +43 |  | -15 | -3 |  | +12 |
| -2 |  |  |  |  |  |  |  |
|  | +17 | -5 | 63 | +9 | -6 | 58 |  |


| 99 | -2 |  | -34 |  |  |  | -1 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | -23 |  | +44 |  | -29 |
|  | +25 |  | -30 |  |  |  |  | 24 |
| -12 |  |  |  |  |  | -33 |  | +32 |
| -15 |  |  |  |  |  | +3 |  | +26 |
| 8 | +31 | 39 | +48 | 87 | -47 |  |  | 82 |

Name: $\qquad$

$$
\begin{aligned}
& 2 \bullet=\bullet-7 \bullet 0 \bullet+\bullet 2 \bullet=\bullet 2 \bullet 9 \cdot 5 \cdot 0 \cdot 7 \cdot 1 \cdot 5 \bullet 2 \\
& =\bullet 6 \cdot 9 \cdot 5
\end{aligned}
$$

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

double 70

Circle the three numbers whose sum equals 16 .

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

Make your own equation.
$\qquad$
$\ldots-7=$
$4-3+3+5$

Name: $\qquad$
Solve the story using the clues. Fill in the chart using Y for yes or N for no. The pizza slices in the picture show how many slices each person ate.



5 slices


6 slices

|  |  |  |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |

## The Story

Three people ate pizza. Can you figure out how many slices each person ate?

## The Clues

1. Lauren ate more pizza than Brittany.
2. Jacob ate less pizza than Lauren.
3. Brittany ate more pizza than Jacob.

Name:
Find the missing numbers. These both have the same rule. What is the rule? If If
$1,1=2$
$4,4=8$
$2,2=4$
$5,5=10$
$3,3=6$
$6,6=12$
$7,7=14$
Then
$5,5=$ ?
Then
$8,8=$ ?

Complete each pattern. Write what the rule is.

| 108 | 96 | 84 |
| :--- | :--- | :--- |
| 72 | 60 |  |
| 36 | 24 |  |

Name:

## Sudoku Sums of 8

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 8 .

Here is an example of a sudoku sum of 8 :


Round 63 to the nearest 10 .

$$
8 x_{\ldots}=40
$$

## Make your own

equation.
$\qquad$ $+25=$ $\qquad$

If you know
$77+33=110$
Then what is $77+32$ ?
7, 9, 11, 13, 15, $\qquad$ 19, 21

Write an even number.

Name: $\qquad$
Solve the story using the clues. Fill in the chart using Y for yes or N for no.


## The Story

Four people each have a favorite animal. Can you figure out each person's favorite animal?

## The Clues

1. A girl likes fish.
2. Taylor does not like birds or fish.
3. William does not like reptiles or insects.
4. Brian does not like insects.

Name:
Cross off the number that does NOT belong.
$67,73,79,85,91,97,101,103$

Why does $\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.

$$
5,7,8,9,11,13,15,17
$$

Why does $\qquad$ not belong in the pattern?

Name:
Jordan, Rebecca, Mackenzie, and Destiny are 37, 27, 24, and 20 years old.
Find each person's age.

1. Rebecca is older than Mackenzie.
2. Rebecca is older than twenty years old.
3. Rebecca is less than thirty-seven years old.
4. Mackenzie is older than twenty years old.
5. Mackenzie is younger than Jordan and older than Destiny.
6. Jordan is older than Rebecca.

Jordan is $\qquad$ years old.

Rebecca is $\qquad$ years old.

Mackenzie is $\qquad$ years old.

Destiny is $\qquad$ years old.

9 thousands, 5 tens, 6 ones

How many hours are there from 8 a.m. to 7 p.m.?

Find a clock. What time is it right now?

Circle the number that is largest.
$50,500 \quad 50,050$
$50,005 \quad 55,000$

3 tens, 7 ones, 8 hundreds, 4 thousands

Circle the number that is smallest.

Name: $\qquad$

Work Area:

|  |  |  |  | 13 |
| :--- | :--- | :--- | :--- | :---: |
|  |  |  |  | 14 |
|  |  |  |  | 17 |
|  |  |  |  | 14 |
| 10 | 20 | 15 | 13 | + |

The sum for each column and row is given.

$\square=$
$=$
$=$
$\qquad$ dr ow gin
(.2) $=$

Work Area:

|  |  |  |  | 17 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | 16 |
|  |  |  |  | 7 |
|  |  |  |  | 16 |
| 14 | 17 | 14 | 11 | 4 | The sum for each column and row is given.

Name:

## Sudoku Sums of 6

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 6 .

Here is an example of a sudoku sum of $6:$|  | 3 |  |
| :---: | :---: | :---: |
| $\vdots$ | 3 |  |


$5+3-6$
6 tens, 8 hundreds

$$
\begin{array}{r}
37 \\
+\quad 5
\end{array}
$$



5 more than 865


2 more than 762

Name: $\qquad$
Circle words to the RIGHT or DOWN. When you are done, use the letters that are left to find a mystery word. Put a square around each letter left over. The first 2 letters that do not form a word are rectangled.

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

Write the words found.


The secret word is all that is left. It consists of all the letters that did not form a word. What is it?


Using the words from the puzzle, write a different word on each line. Explain what it means.
1.
2. $\qquad$
3. $\qquad$
4. $\qquad$
5. $\qquad$

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

| 2 | 4 | 3 |  | 1 | 6 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 1 | 5 | 6 |  |  |  |
| 3 |  |  |  |  |  |
|  |  |  |  | 5 | 2 |
|  |  |  |  | 6 |  |
|  |  | 2 |  | 3 | 5 |

Each row, column, and box must have 4 different pictures.


Name:

## Sudoku Sums of 10

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 10 .

Here is an example of a sudoku sum of 10


It is $8: 46$ when Rose leaves

$5-3+1+3-1$

What number multiplied by six is fifty-four?


Name:
Each row, column, and box must have the numbers 1 through 6 .

|  | 3 |  |  |  | 4 |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | 6 |  |  |  |
|  | 5 |  | 4 |  |  |
| 2 |  |  |  |  | 5 |
|  |  |  | 1 |  |  |
|  |  |  |  | 6 |  |

made • middle • noisy • rod • loss • glory
Each row, column, and box must have all the words from the word list. Write in the missing words.

|  | middle |  | glory |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | made |  |  | noisy |  |
|  | glory |  |  |  |  |
|  |  |  |  |  | rod |
|  |  | loss | made |  |  |

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