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


## The Story

In class each student was given one fruit to try. Figure out which fruit each student tried.

## The Clues

1. Zachary did not eat the peel on his fruit. It wouldn't taste good!
2. The person who tried the cherry is either Natalie or Nicole.
3. The person who tried the apple is either Natalie or Nicole.
4. Natalie did not try the cherry.

Name:
Complete each pattern.

$$
\begin{aligned}
& p, p, 4,4, p, p, 4,4, p, p, 4,4, p, p, 4,- \\
& 9,9,5,5,0,6,9,9,5,5,0,6,9,-, 5,5,0 \\
& z, z, 6,6, z, z, 6,6, z, z,-,-, z, z, 6,6
\end{aligned}
$$

Find the missing numbers. These both have the same rule. What is the rule?

If
$1,1=1$
$2,2=4$
3, $3=9$
$4,4=16$
Then
$5,5=?$

If
$4,4=16$
$5,5=25$
$6,6=36$
$7,7=49$
Then
$8,8=$ ?

Name:

## Sudoku Sums of 9

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 9 .

Here is an example of a sudoku sum of 9 :


Write this number:
4 tens, 6 thousands, 5 ones, 3 hundreds

Write this number: 5 ones, 6 thousands, 7 hundreds


6 more than 856

B, F, C, G, D, H,
$\longrightarrow$ I, F, J

2 more than 842

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


## The Story

How did each person get to school today? Match the person and their form of transportation.

## The Clues

1. Taylor's mom drove her to school and then she went to work.
2. The person who walked to school is either Austin or Sydney.
3. The person who took the SUV to school is either Sydney or Austin.
4. Sydney did not walk to school.

Name:
Cross off the letter that does NOT belong.
W, T, T, R, Q, P, N, N, K, I, L, H, J
$\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.
$7,7,15,20,23,33,37,31,46,39,59,47,72,55$

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

Name: $\qquad$
Jordan's family consists of Abigail, Danielle, Nicholas, and Brandon. They are Jordan's mother, father, younger brother, and younger sister.

Name which person is the mother, father, younger brother, and younger sister.

1. Abigail is not Jordan's younger brother.
2. Nicholas likes to jog. He jogs every morning.
3. Brandon is not Jordan's mother. He is also not Jordan's younger sister.
4. Abigail is older than Jordan.
5. Brandon has no sisters.
6. Danielle is not Jordan's younger brother. She is also not Jordan's father.

Abigail is Jordan's $\qquad$ _.

Danielle is Jordan's $\qquad$ -

Nicholas is Jordan's $\qquad$
Brandon is Jordan's $\qquad$ .


> If you know
> $80+13=93$
> Then what is $80+11$ ?

$$
9+5-1-5
$$

$11-8=\square$ $\square$
$6 \times 2=\square$
$9-5=$

Name: $\qquad$

Work Area:

|  |  |  |  | 24 |
| :--- | :--- | :--- | :--- | :---: |
|  |  |  |  | 24 |
|  |  |  |  | 12 |
|  |  |  |  | 10 |
| 23 | 15 | 19 | 13 | + |

The sum for each column and row is given.

$O=$
min $=$ $\qquad$


The sum for each column and row is given.

Work Area:

|  |  |  |  | 14 |
| :--- | :--- | :--- | :--- | :--- |
|  |  |  |  | 17 |
|  |  |  |  | 25 |
|  |  |  |  | 30 |
| 12 | 26 | 18 | 30 | + |

3

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

$9+5-4$
How many hours are there from 7 a.m. to 4 p.m.?

11, $\qquad$ 15, 17, 19, 21,

23, 25

$$
\begin{aligned}
& C, J, \longrightarrow L, E, N, F, \\
& P, G, R
\end{aligned}
$$





