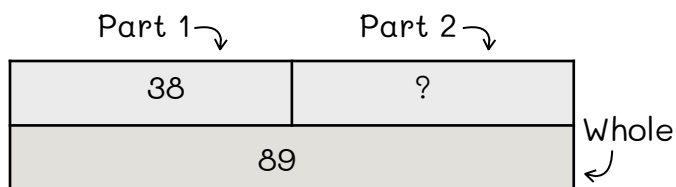


Name: _____

Date: _____

Part Part Whole (Strip Diagram)

“Part Part Whole” is a strategy to derive, if we need to do addition or subtraction to find the answer. It's very effective strategy to sort the information while solving word problems.



For example:

Complete the following equation:

$$38 + \underline{\quad\quad} = 89$$

Tips:

1. If the question mark is in “part” area, we do subtraction.
2. If the question mark is in “whole” area, we do addition.

$89 - 38 = \text{Part 2}$ Therefore; value of
 $51 = \text{part 2}$ part 2 (Answer) is 51.

Table below shows population of a town.

Population of the town	
Men	5,879
Women	6,596
Boys	3,687
Girls	4,798

A. What is the total population of the town?

B. What is the total number of adults in the town?

C. If compared between boys and girls, who have more population and by how many numbers?

D. What is the difference between the male and female population?

Part Part Whole (Strip Diagram)

Answer Key

A. What is the total population of the town?

5,879	6,596	3,687	4,798
20,960 = Total population			

B. What is the total number of adults in the town?

5,879 (Men)	6,596 (Women)
12,475 (Total adult population)	

C. If compared between boys and girls, who have more population and by how many numbers?

3,687 (Boys)	? (1,111)
4,798 (Girls)	

D. What is the difference between the male and female population?

Male Population

3,687 (Boys)	5,879 (Men)
9,566 (Male population)	

Female Population

4,798 (Girls)	6,596 (Women)
11,394 (Female population)	

Difference

9,566	? (1,828)
11,394 (Female population)	