

## Two-Way Tables

- 1) Billy has been carrying out a survey.  
He asked 100 people the type of water they like to drink (still, sparkling or both).  
Here are part of his results:

	Still	Sparkling	Both	Total
Male	26			53
Female		20	10	
Total			16	100

- a) Complete the two-way table.
- b) How many males were in the survey?
- c) How many females drink only still water?
- d) How many people drink only sparkling water?
- 2) 90 students each study one of three languages.  
The two-way table shows some information about these students.

	French	German	Spanish	Total
Female				
Male		7		
Total	20	18		90

- 50 of the 90 students are male.  
29 of the 50 male students study Spanish.
- a) Complete the two-way table.
- b) How many females study French?
- c) How many people study Spanish?
- 3) Karen asks 100 students if they like milk, plain or white chocolates best.  
36 of the students are girls.  
19 of these girls like milk chocolates best.  
16 boys like white chocolates best.  
8 out of the 24 students who like plain chocolates best are girls.  
Work out the number of students who like milk chocolates the best.