

## Data - Two-Way Tables

Q1

Ali asked 200 students which sport they like best.  
They could choose swimming or tennis or athletics.

The two-way table shows some information about their answers.

	Swimming	Tennis	Athletics	Total
Female			19	
Male	36	42		
Total	79		54	200

Complete the two-way table.

(Total 3 marks)

Q2

The two-way table gives information about the subjects studied by 50 students.

	Law	Engineering	Medicine	Total
Male	6			
Female		6		25
Total	11		18	50

(a) Complete the two-way table.

(3)

One of these students is chosen at random.

(b) Find the probability that this student is male and studies Law.

.....  
(2)

## Data - Two-Way Tables

Q1

Ali asked 200 students which sport they like best.  
They could choose swimming or tennis or athletics.

The two-way table shows some information about their answers.

	Swimming	Tennis	Athletics	Total
Female	43	25	19	87
Male	36	42	35	113
Total	79	67	54	200

Complete the two-way table.

(Total 3 marks)

Q2

The two-way table gives information about the subjects studied by 50 students.

	Law	Engineering	Medicine	Total
Male	6	15	4	25
Female	5	6	14	25
Total	11	21	18	50

(a) Complete the two-way table.

(3)

One of these students is chosen at random.

(b) Find the probability that this student is male and studies Law.

$$\frac{6}{50} \text{ or } \frac{3}{25}$$

(2)