

2 Way Tables

Q1 90 people sit their driving tests over one week.

	Under 20 driving lessons	20 or over driving lessons	total
Pass		21	30
Fail	45		
total			90

(a) Complete the two-way table.

(2)

(b) How many people who had 20 or over driving lessons failed their driving test?

.....
(1)

(c) What fraction of people failed their driving test?
Give your fraction in its simplest form.

.....
(2)

Alfie says “having 20 or over driving lessons helps a person pass their driving test.”

(d) Explain why Alfie is correct.

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.....
.....

(2)

Q2

An electronics factory checks how many laptops & how many desktops have faults.

	OK	Fault	Total
Laptop	63	4	67
Desktop	58	3	61
Total	121	7	128

How many laptops had a fault?

How many desktops were checked?

Q3

Danesh recorded the health of trees in two areas.

	Urban	Rural	
Healthy	21	14	
Unhealthy	7	3	

What fraction of the trees were healthy?

What percentage of the trees in the urban area were unhealthy?

Ella manages a cafe.

Q4

One morning, she sells the following drinks

41 large coffees

4 regular hot chocolates

28 large teas

A total of 9 hot chocolates

A total of 61 coffees

A total of 79 regular drinks

Complete the two-way table below.

	Regular	Large	Total
Coffee			
Tea			
Hot Chocolate			
Total			

The two-way table shows the grades students in Year 10 received in their exams.

Q5

		Physics			
		A	B	C	D
Maths	A	7	6	1	1
	B	3	5	3	0
	C	4	2	6	3
	D	0	0	1	0

(a) How many students are in Year 10?

.....
(2)

(b) How many students received a B in maths?

.....
(2)

(c) How many students received the same grade in maths and physics?

.....
(2)

(d) How many students received a higher grade in physics than maths?

.....
(2)