GCSE FOUNDATION · REVISION MAT 1

Two-way tables

1 Complete the two-way table.

	Walk	Bus	Car	Total
Boys	12		5	25
Girls		9	6	
Total	22	17		50

2 The two-way table shows some information.

	Walk	Bus	Car	Total
Boys	12	8	5	25
Girls	10	9	6	25
Total	22	17	11	50

(a) How many girls chose car?

(b) How many people chose bus altogether?

3 The two-way table shows some information.

	Walk	Bus	Car	Total
Boys	12	8	5	25
Girls	10	9	6	25
Total	22	17	11	50

Show that $\frac{22}{50}$ of the people chose walk.

4 The two-way table shows some information.

	Walk	Bus	Car	Total
Boys	12	8	5	25
Girls	10	9	6	25
Total	22	17	11	50

What percentage of the boys chose walk?

5 50 students were asked about something. 25 were boys. 12 boys chose walk, 9 girls chose bus. 22 chose walk and 11 chose car altogether. 5 boys chose car.

Draw a two-way table and complete it.

6 The two-way table shows some information.

	Walk	Bus	Car	Total
Boys	12	8	5	25
Girls	10	9	6	25
Total	22	17	11	50

A person is chosen at random.

Work out the probability that the person is a girl and chose bus.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 1

Two-way tables

1

	Walk	Bus	Car	Total
Boys	12	**8**	5	25
Girls	**10**	9	6	**25**
Total	22	17	**11**	50

2 (a) **6**

(b) **17**

3 22 out of 50 = $\frac{\mathbf{22}}{\mathbf{50}} = \frac{11}{25}$ ✓

4 12 ÷ 25 × 100 = **48%**

5

	Walk	Bus	Car	Total
Boys	12	**8**	5	25
Girls	**10**	9	**6**	**25**
Total	22	**17**	11	50

6 9 out of 50

$\frac{\mathbf{9}}{\mathbf{50}}$

Mr&Mrs MATHS