GCSE FOUNDATION · REVISION MAT 2

Two-way tables

1 Complete the two-way table.

	Swim	Gym	Tennis	Total
Adults	14		6	40
Children		7	15	
Total	32	27		80

2 The two-way table shows some information.

	Swim	Gym	Tennis	Total
Adults	14	20	6	40
Children	18	7	15	40
Total	32	27	21	80

(a) How many children chose tennis?

(b) How many people chose gym altogether?

3 The two-way table shows some information.

	Swim	Gym	Tennis	Total
Adults	14	20	6	40
Children	18	7	15	40
Total	32	27	21	80

Show that $\frac{32}{80}$ of the people chose swim.

4 The two-way table shows some information.

	Swim	Gym	Tennis	Total
Adults	14	20	6	40
Children	18	7	15	40
Total	32	27	21	80

What percentage of the adults chose swim?

5 80 students were asked about something. 40 were adults. 14 adults chose swim, 7 children chose gym. 32 chose swim and 21 chose tennis altogether. 6 adults chose tennis.

Draw a two-way table and complete it.

6 The two-way table shows some information.

	Swim	Gym	Tennis	Total
Adults	14	20	6	40
Children	18	7	15	40
Total	32	27	21	80

A person is chosen at random.

Work out the probability that the person is a child and chose gym.

Mr&Mrs MATHS

ANSWERS · REVISION MAT 2

Two-way tables

1

	Swim	Gym	Tennis	Total
Adults	14	**20**	6	40
Children	**18**	7	15	**40**
Total	32	27	**21**	80

2 (a) **15**

(b) **27**

3 32 out of 80 = $\frac{\mathbf{32}}{\mathbf{80}} = \frac{2}{5}$ ✓

4 14 ÷ 40 × 100 = **35%**

5

	Swim	Gym	Tennis	Total
Adults	14	**20**	6	40
Children	**18**	7	**15**	**40**
Total	32	**27**	21	80

6 7 out of 80

$\frac{\mathbf{7}}{\mathbf{80}}$

Mr&Mrs MATHS