

The two-way table gives some information about how 100 children travelled to school one day.

	Walk	Car	Other	Total
Boy	15	25	14	54
Girl	22	8	16	46
Total	37	33	30	100

(a) Complete the two-way table.

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The table shows the choices of 50 males and females on their favourite cartoon.

	Male	Female	Total
Sophia the first	22	14	36
Teletubbies	8	6	14
Total	30	20	50

a) Complete the two-way table above.

b) How many people liked Sophia the first? 36

c) One person is selected at random. What is the probability they are a male who likes Teletubbies. 8

The two-way table shows some information about the number of boys, girls and teachers at three schools.

	School A	School B	School C	Total
Boys	85	29	54	168
Girls	93	31	47	171
Teachers	13	5	9	27
Total	191	65	110	366

Complete the two-way table.

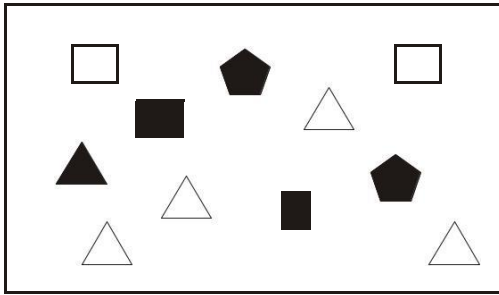
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The two-way table shows some information about the number of students in a school.

	Year Group			Total
	9	10	11	
Boys	149	133	125	407
Girls	154	123	147	424
Total	303	256	272	831

Complete the two-way table.

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The diagram shows some 3-sided, 4-sided and 5-sided shapes.

The shapes are black or white.

(a) Complete the two-way table.

	Black	White	Total
3-sided shape	1	4	5
4-sided shape	2	2	4
5-sided shape	2	0	2
Total	5	6	11

Ed takes a shape at random.

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(b) Write down the probability the shape is white **and** 3-sided.

$\frac{4}{11}$

80 children went on a school trip. They went to London or to York.

23 boys and 19 girls went to London.

14 boys went to York.

(a) Use this information to complete the two-way table.

	London	York	Total
Boys	23	14	37
Girls	19	24	43
Total	42	38	80

Felicity asked 100 students how they came to school one day. Each student walked or came by bicycle or came by car.

49 of the 100 students are girls.

10 of the girls came by car.

16 boys walked.

21 of the 41 students who came by bicycle are boys.

Work out the total number of students who walked to school.

	WALK	BICYCLE	CAR	TOTAL
BOY	16	21	14	51
GIRL	19	20	10	49
TOTAL	35	41	24	100

Janice asks 100 students if they like biology or chemistry or physics best.

38 of the students are girls.

21 of these girls like biology best.

18 boys like physics best.

7 out of the 23 students who like chemistry best are girls.

Work out the number of students who like biology best

	BIOLOGY	CHEMISTRY	PHYSICS	TOTAL
BOYS	28	16	18	62
GIRLS	21	7	10	38
TOTAL	49	23	28	100