

Two Way Tables - Video 319

Workout

Question 1:

	Rhombus	Star	Total
Red	6	5	11
Yellow	4	3	7
Total	10	8	18

Question 2:

(a)

	Bowling	Cinema	Total
Boys	11	12	23
Girls	17	10	27
Total	28	22	50

(b) 22

Question 3:

(a)

	Car	Bus	Walk	Total
Year 9	10	8	6	24
Year 10	6	7	5	18
Total	16	15	11	42

(b)

	English	Art	Total
Pass	25	7	32
Fail	1	12	13
Total	26	19	45

(c)

	Rugby	Football	Hockey	Total
Class 9A	7	11	6	24
Class 9B	5	3	8	16
Total	12	14	14	40

(d)

	Child	Adult	Total
Male	52	34	86
Female	49	43	92
Total	101	77	178

Question 4:

- (a) 77
- (b) 112
- (c) $\frac{79}{246}$
- (d) $\frac{26}{45}$

Question 5:

- (a) 18
- (b) 20
- (c) 15%
- (d) $\frac{13}{18}$

Apply

Question 1:

- (a) $\frac{13}{50}$
- (b) $\frac{12}{25}$
- (c) $\frac{21}{50}$
- (d) $\frac{18}{25}$

Question 2:

(a)

	Goggles	No Goggles	Total
Adult	13	32	45
Child	6	9	15
Total	19	41	60

- (b) 32
- (c) $\frac{2}{5}$

Question 3:

(a)

	France	Spain	Portugal	Total
July	19	15	7	41
Aug	16	20	23	59
Total	35	35	30	100

(b) 7 families

Question 4:

64 students are female in Year 11

	French	Spanish	German	Welsh	Total
Male	18	5	12	21	56
Female	9	12	24	19	64
Total	27	17	36	40	120

Question 5:

$$\frac{25}{32}$$

	Year 7	Year 9	Year 11	Total
Walk	15	17	18	50
Other	5	9	0	14
Total	20	26	18	64

Question 6:

(a) $\frac{4}{7}$

(b) $\frac{2}{13}$

(c) 49 red square counters were added.