

Analysing Two-Way Tables: True or False?

A survey about people going to school/work.

a)

	Bus	Cycle	Total
Adult	14	9	23
Child	19	12	31
Total	33	21	54

54 people were surveyed.
45 children were surveyed.
33 people took the bus to school/work.

A survey of animals at a zoo.

b)

	Male	Female	Total
Healthy	27	15	42
Unhealthy	9	2	11
Total	36	17	53

27 animals are male & healthy.
There are 37 female animals.
Most male animals are healthy.

A survey about the quality of roads near a city.

c)

	OK	Inadequate	Total
Motorway	31	9	40
Street	53	7	60
Total	84	16	100

18% of all the roads were inadequate.
60% of the roads were streets.
9% of the motorways were inadequate.

A survey about some students' favourite hobby.

d)

	Year 9	Year 10	Total
Sport	15	8	23
Art	30	24	54
Total	45	32	77

$\frac{1}{3}$ of Year 9s said Sport.
25% of Year 10 students said Sport.
Most people that said Sport were Year 10.

A survey about how people watch movies.

e)

	Online	Cinema	Total
UK	15	9	24
France	9	16	25
Total	24	25	49

38% of people in France watched movies online.
 $\frac{5}{8}$ of people that watched online were from the UK.

A survey about how people play computer games.

f)

	Online	Offline
Child	26	24
Adult	14	36

A higher percentage of children play online than offline.
40% more adults play offline than children that play offline.

A survey about a wild monkey troop.

g)

	Juvenile	Adult
Male	6	8
Female	4	12

There are more adult males than juvenile males.
Males are a larger proportion of adults than they are of juveniles.

A survey about where people live.

h)

	Under 40	40+
House	9	4
Flat	11	6

Compared to those older than 40, more people under 40 live in a flat.

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