Analysing Two-Way Tables: True or False?

A survey about people going to school/work.

(B

| | Bus | Cycle | Total |
|-------|-----|-------|-------|
| Adult | 14 | 6 | 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.

(q

| | Male | Female | otal |
|-----------|------|--------|------|
| Healthy | 27 | 15 | 42 |
| Unhealthy | 6 | 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.

0

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

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

A survey about some students' favourite hobby.

(p

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

Most people that said Sport were Year 10.

A survey about how people watch movies.

(e)

| Total | 24 | 25 | 49 |
|------------|----|--------|-------|
| Cinema | 6 | 16 | 25 |
| Online | 15 | 6 | 24 |
| | NN | France | Total |
| | | | |

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.

| | Online | Offline |
|-------|--------|---------|
| Child | 76 | 24 |
| Adult | 14 | 36 |

(J

children play online than offline. A higher percentage of

40% more adults play offline than children that play offline.

A survey about a wild monkey troop.

| Adult | 8 | 12 |
|----------|------|--------|
| Juvenile | 9 | V |
| | Male | Fomale |
| | | |

60

adult males than juvenile males. There are more

Males are a larger proportion of adults than they are of juveniles.

A survey about where people live.

| louse Flat |
|---------------|
|---------------|

4

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

Analysing Two-Way Tables: True or False?

A survey about how people watch movies.

people going to school/work. survey about

| | Total | 23 | 31 | 54 |
|---|-------|-------|-------|-------|
| CIOOI) WOLN. | Cycle | 6 | 12 | 21 |
| pic goilig to a | sng | 14 | 19 | 33 |
| A sulvey about people going to school, work | | Adult | Child | Total |
| inc t | | | | |

(a

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A survey about how people play computer games.

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Cinema 9 16 25

Online 15 9 24

(e)

France Total

A survey of animals at a zoo.

(q

| Iviale Ciliale Otal | 27 15 42 | 9 2 11 | 36 17 53 | |
|-------------------------|----------|-----------|----------|--|
| | Healthy | Unhealthy | Total | |

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

Most male animals are healthy.

40% more adults play offline than children that play offline.

A higher percentage of children play online than offline.

Adult

(J

A survey about the quality of roads near a city.

0

| Total | 40 | 09 | 100 |
|------------|----------|--------|-------|
| Inadequate | 6 | 7 | 16 |
| OK | 31 | 53 | 84 |
| | Motorway | Street | Total |
| | | | |

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

A survey about some students' favourite hobby.

| | | Year 9 | Year 10 | Tota |
|---|-------|--------|---------|------|
| | | | | |
| 5 | 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.

| | Olidel 40 | |
|------------|------------------------------|------|
| House | 6 | |
| Flat | 11 | |
| Compared t | Compared to those older than | than |

more people under 40 live in a flat.

A survey about where people live.

H

Males are a larger proportion of adults than they are of juveniles.

adult males than juvenile males.

There are more

Adult

luvenile

60

A survey about a wild monkey troop.

Analysing Two-Way Tables: True or False?

e)

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 |
|---|-------|--------|---------|-------|
| Γ | Sport | 15 | 8 | 23 |
| | Art | 30 | 24 | 54 |
| Γ | Total | 45 | 32 | 77 |

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25% of Year 10 students said Sport.

Most people that said Sport were Year 10.X

A survey about how people watch movies.

 Online
 Cinema

 UK
 15
 9

 France
 9
 16

 Total
 24
 25

38% of people in France watched movies online.

 $\frac{5}{8}$ of people that watched online were from the UK.

Total

24

25

49

A survey about how people play computer games.

f)

g)

h)

| | 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.

| | 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.

| | Under 40 | 40+ |
|-------|----------|-----|
| House | 9 | 4 |
| Flat | 11 | 6 |

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

