

Interpreting a two-way table

A two-way table showing the amount of time a year 8 group spend on the Internet during an even

	< 60 mins	60<t < 120mins
Girls	15	5
Boys	3	2

Discuss:

1. From the data given we can conclude that more girls than boys access the Internet.
2. Five girls spent more than an hour on the Internet and only 2 boys, so we can hypothesise that girls spend longer on the Internet than boys.
3. This data says that approx. 72% of the class spend less than an hour on the Internet
4. If you chose a girl from this class, the probability that she spends less than an hour on the Internet is 0.6 .
5. From this data we can assume that most young people spend less than one hour on Internet.
6. From this data we can assume some students are not getting enough homework.

practice



A two way table to show how 15 students spent an hour of their evening

	listen to music	watch TV
girls	6	3
boys	5	

- 1) How many girls were in the survey?
- 2) How many students prefer to listen to music?
- 3) How many boys watch TV?
- 4) What fraction of the group are boys?

A two way table to show how students travel to school

	bus	cycle	walk	Total
yr 7	10	7	3	20
yr 8	10	12	8	30
yr9	10	1	14	25
Total	30	20	25	

complete the table

Attachments

two way tables.doc