

2C Quartiles & Interpolation

1. From the large data set, the daily maximum gust (knots) during the first 20 days of June 2015 is recorded in Hurn. The data is shown below:

14	15	17	17	18
18	19	19	22	22
23	23	23	24	25
26	27	28	36	39

Find the median and quartiles for this data.

2. The length of time (to the nearest minute) spent on the internet each evening by a group of students is shown in the table below.

Time spent on internet (mins)	Frequency
30-31	2
32-33	25
34-36	30
37-39	13

- a) Find an estimate for the upper quartile

- b) Find an estimate for the 10th percentile