

Using the data sheet provided, what kinds of graphs could you draw?

Challenge: can we come up with a different one for each person in the class?

Sampling

A small village has a population of 400.
The population is classified by age as shown in the table:

Age	0-12	13-24	25-40	41-60	60+
Freq	35	58	125	103	79

% 8.75 14.5 31.25 25.75 19.75

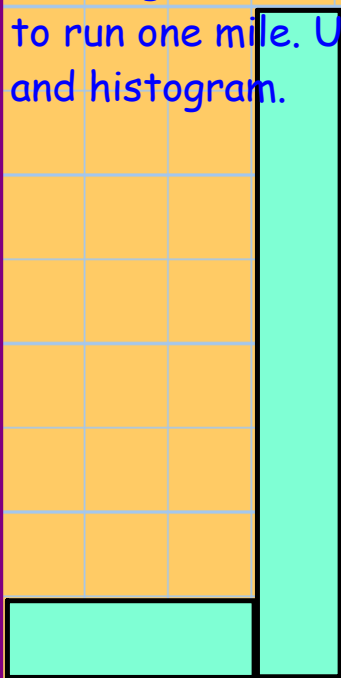
A stratified sample of 50 is planned.
Calculate the number of people that should be sampled from each age group.

4 7 16 13 10

fd

The unfinished histogram and table give information about the length of time taken by some members of a health club to run one mile. Use the info to copy and complete the table and histogram.

16
14
12
10
8
6
4
2

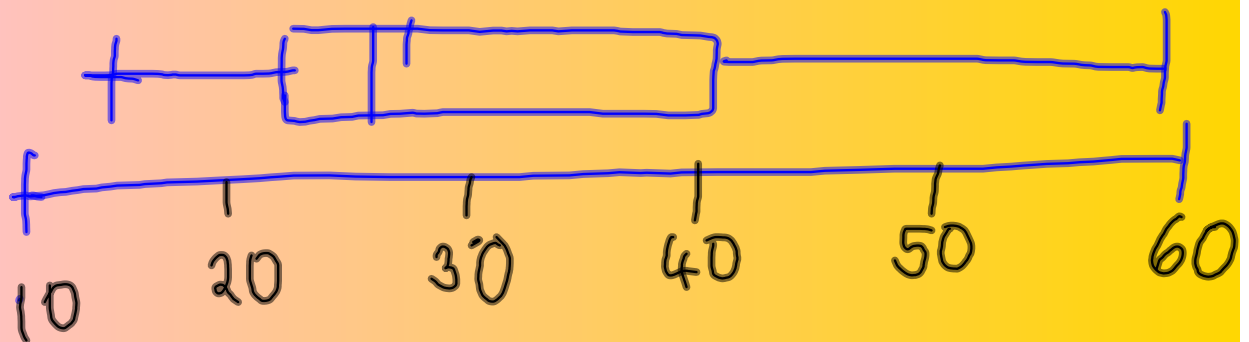


Time	Freq
$5 < T \leq 8$	6
$8 < T \leq 9$	15
$9 < T \leq 10$	13
$10 < T \leq 12$	8
$12 < T \leq 14$	2

time (mins)

Stem and leaf AL question

Hence draw a box and whiskers (box plot).



Time to get to school (mins)	Frequency
$t \leq 10$	7
$10 < t \leq 20$	4
$20 < t \leq 30$	5
$30 < t \leq 40$	4
$40 < t \leq 50$	2
$50 < t \leq 60$	4