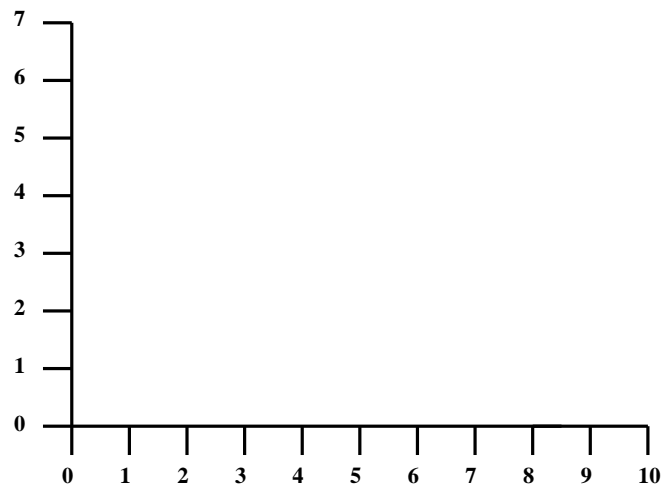**Lesson 3**

3.1 Stepper Graphs

A group of 7 people is given a short ten question test.
Here are the marks scored.

Group A data: 2   4   5   5   6   8   10
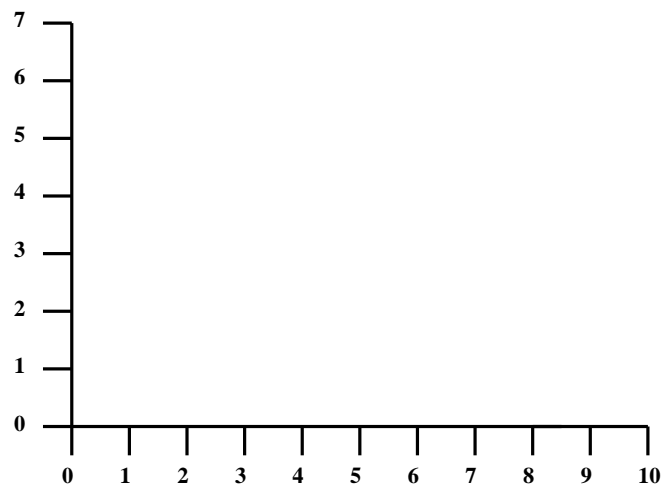
We can make a stepper graph of this data.

3.2 Exercise

Question 1
Make a stepper graph of the following data.

Group B data: 3   4   4   5   5   5   7

Question 2

(a)   Work out the IQR for the group A data.
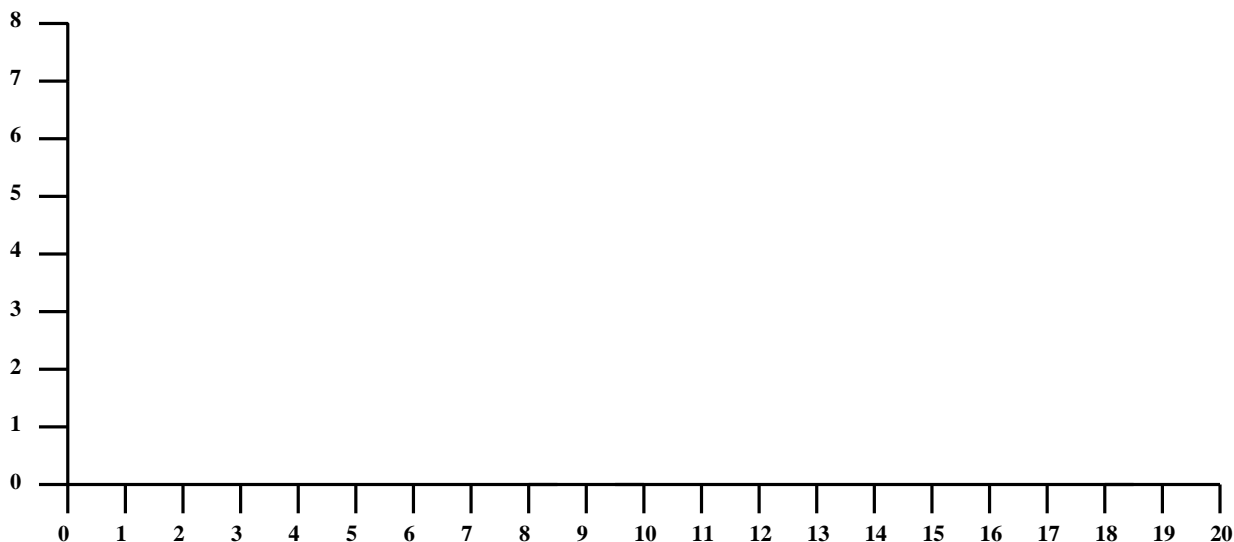
(b)   Work out the IQR for the group B data.

(c)   Use your part (a) and (b) answers to state which group has
the *less* spread out data ?

(d)   How could you have spotted which group has the less spread out
data from the two stepper graphs ?

Question 3
Make a stepper graph that shows where the prime numbers between
1 and 20 occur.

Several famous mathematicians have worked on the problem of trying to
find a smooth line approximate formula for the prime number stepper graph.