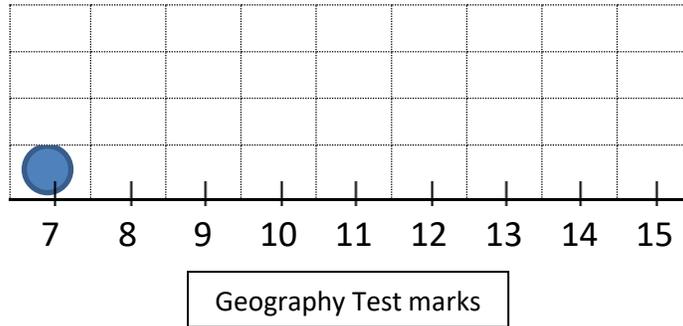# CREATING DOT PLOTS SHEET 1

1) This data shows the marks from a Geography test from a group of students.

Marks	10	12	9	11	14	12	10	15	11	10	7

a) Use the data to complete the dot plot to show these results.

7   8   9   10 11 12 13 14 15

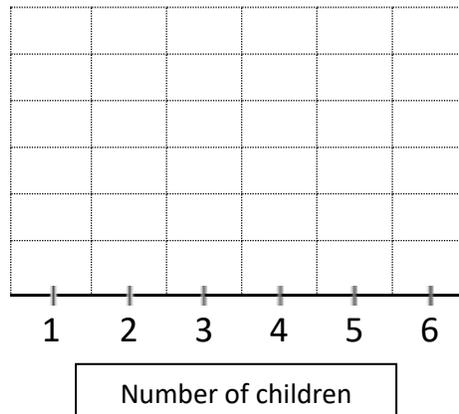Geography Test marks

b) What is the range of marks in the test? _____

c) What is the median score? _____

2) This data shows the number of children in a survey of 15 families.

Number of children	2	1	3	2	1	2	3	4	2	5	1	2	4	1	6

a) Use the information to draw a box plot showing this data.

1   2   3   4   5   6

Number of children

b) What is the median number of children per family in the group? _____
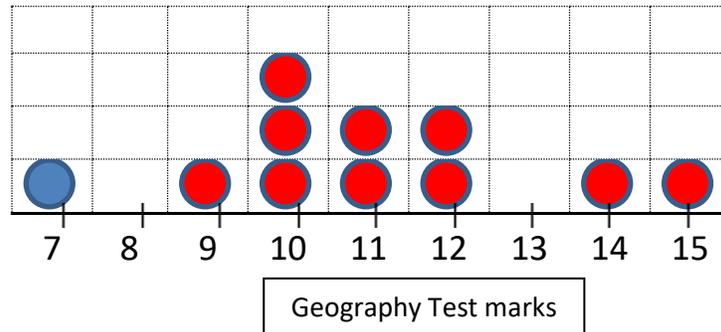
c) What is the range of children per family? _____

CREATING DOT PLOTS SHEET 1 ANSWERS

1) This data shows the marks from a Geography test from a group of students.

Marks	10	12	9	11	14	12	10	15	11	10	7

a) Use the data to complete the dot plot to show these results.

Geography Test marks

b) What is the range of marks in the test? 15 – 7 = 8 marks

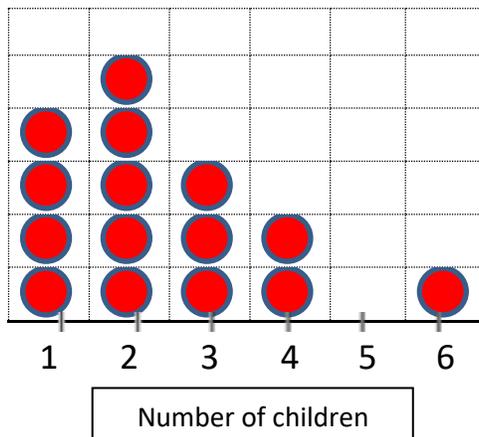c) What is the median score? 11 marks

2) This data shows the number of children in a survey of 15 families.

Number of children	2	1	3	2	1	2	3	4	2	3	1	2	4	1	6

a) Use the information to draw a box plot showing this data.

Number of children

b) What is the median number of children per family in the group? 2 children

c) What is the range of children per family? 6 – 1 = 5 children