1. Morgan, Nate and Oakley record dice scores to find their mode and median score.

   Morgan's dice scores: 1 4 2 3 1 6 3 1 4 4 6 6 3 2 1 3 6 5 1 2 6 6 3 6

   Morgan ordered them: 1 1 1 1 1 2 2 2 3 3 3 3 3 4 4 4 5 6 6 6 6 6 6 6

Score	Frequency	Morgan's blank column
1	5	
2	3	
3	5	
4		
5		
6		

Morgans' statistics	
Mode	Median

   (a) Complete the frequency column of Morgan's frequency table.

   Nate recorded his dice scores in the spare column of the table.

Score	Frequency	Nate's dice score results
1	5	1 1 1 1 1
2	3	2 2 2
3	7	3 3 3 3 3 3 3
4		4 4 4 4 4
5		5 5 5 5 5 5
6		6 6 6 6

Nate's statistics	
Mode	Median

   (b) Complete the frequency column in Nate's frequency table.

   Oakley said "If I record my results like Nate it will be easier to find the median."

Score	Frequency	Long winded results by Oakley
1	1	1
2	6	2 2 2 2 2 2
3	2	3 3
4	1	
5	3	
6	2	

Oakley's statistics	
Mode	Median

   (c) Complete Oakley's long winded results in Oakley's frequency table.
   (d) Complete the mode and median scores for Morgan, Nate and Oakley.

2. The frequency table shows information about the number of children living in each house in Station Road.

Number of children	Frequency	
0	7	
1	6	
2	4	
3	11	
4	1	
5	0	
6	2	

Children in Station Road	
Mode	Median

Complete the mode and median in the table above.

3. The frequency table shows information about the number of buses per day for "Reliability" bus company.

Number of buses	Frequency	
2	4	
3	7	
4	8	
5	1	
6	0	
7	0	
8	1	

(a) Write down the mode number of buses.　. . . . . .

(b) Write down the median number of buses.　. . . . . .

(c) Write down the range.　. . . . . .

Answers

1 (a)
Score	Freq.
4	3
5	1
6	7

(b)
Score	Freq.
4	5
5	6
6	4

(c)
Score	Freq.	Oakley
4	1	4
5	3	5 5 5
6	2	6 6

(d)
Name	Mode	Median
Morgan	6	3
Nate	3	3.5
Oakley	2	3

2. Mode = 3, Median = 2　　3. (a) 4, (b) 3 (c) 6