



# Range Mode Median Mean

1 The hourly temperature recordings between 6 a.m and noon were:

15°C 16°C 17°C 20°C 20°C 20°C 24°C

a What was the range of temperatures

b What was the Modal temperature

2 Find the mode and range for each of these sets of numbers:

a 92, 84, 62, 72, 72

b 16, 18, 14, 16, 16, 24

c 52, 71, 63, 48, 63, 71, 63

d 112, 144, 131, 131, 144, 112, 112

3 A set of test marks is displayed in this frequency distribution table

Marks	Tally Marks	Frequency
2		4
3	/	6
5	/	5
7		4
8		3
9	/	6

a What is the highest mark?

b What is the lowest mark?

c What is the range?

d What is the mode

4 Find the median for each set of scores

a 7, 9, 5, 11, 10

b 3, 6, 5, 4, 2, 2

c 21, 19, 22, 27, 24, 18, 25

d 51, 47, 51, 48, 49, 49, 53, 46

5 Find the median for each of these distributions

a)

Score	1	2	3	4	5	6
Frequency	2	4	7	5	2	1

b)

Score	5	6	7	8	9	10
Frequency	2	7	5	4	4	3

6 Jack's marks for the last 8 Maths Topic Tests were

83, 85, 97, 78, 81, 79, 88, 75

What is Jack's mean mark for the tests?

7 A test cricketer scores 48, 69, 102, 50, 35 and 38 runs in a test series. Find his batting average

8 Find the mean for each set of numbers

a 60, 60, 65, 67, 72

b 89, 70, 80, 80, 75, 70, 76, 80, 82

c 32, 83, 88, 83, 85, 88, 83, 87, 91

d 30, 40, 20, 45, 35, 50, 45, 45, 50

9 Betty travels by bus to school

DAY	M	T	W	T	F	M	T	W	T	F
TIME	25	30	29	38	27	32	36	27	33	30

The table shows the time taken (in minutes) each morning for 2 weeks  
Find the average time taken to get to school over this period.

# ANSWERS

## Question 1

- a 9°C
- b 20°C

## Question 2

- a Mode is 72 Range is 30
- b Mode is 16 Range is 10
- c Mode is 71 Range is 23
- d Mode is 112 Range is 32

## Question 3

- a Highest Mark is 9
- b Lowest Mark is 2
- c Range is 7
- d There are two Modes 3 and 9

## Question 4

- a Median is 5
- b Median is 3.5
- c Median is 22
- d Median is 49

## Question 5

- a Median is 3
- b Median is 7

## Question 6

The mean is 83.25

## Question 7

The mean is 57

Question 8

**a** 64.8

**b** 70.2

**c** 80

**d** 40

Question 9

Mean 30.7 minutes