# ACADEMIC YEAR 2022-23 <br> Worksheet No. 1 <br> <br> Subject:MATHEMATICS <br> <br> Subject:MATHEMATICS <br> <br> CH:DATA HANDLING 

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## Grade: VII

1. Find the mean of first six multiples of 5 .
2. Find the median of first 15 odd numbers.
3. Find the mode of the following data:
$12,14,12,16,15,13,14,18,19,12,14,15,16,15,16,16,15$,
$17,13,16,16,15,15,13,15,17,15,14,15,13,15,14$
4. The scores in mathematics test (out of 25 ) of 15 students is as follows: 19,
$25,23,20,9,20,15,10,5,16,25,20,24,12,20$

Find the mode and median of this data. Are they same?
5. The heights of 10 girls were measured in cm and the results are as follows:
$135,150,139,128,151,132,146,149,143,141$.
(i) What is the height of the tallest girl?
(ii) What is the height of the shortest girl?
(iii) What is the range of the data?
(iv) What is the mean height of the girls?
(v) How many girls have heights more than the mean height.
6. Following data gives total marks (out of 600) obtained by six children of a particular class.

Represent the data on a bar graph.

| Students | Ajay | Bali | Dipti | Geetika | Hari | Faiyaz |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Marks Obtained | 450 | 500 | 300 | 360 | 400 | 540 |

7. Read the following bar graph which shows the number of books sold by a bookstore during five consecutive

years and answer the question given bellow (Q3-Q8)
8. How many books were sold in 1989 ?
(a) 100
b. 200
c. 300
d. 600
9. In which year were 400 books sold ?
a. 1990
b. 1991
c. 1993
d. 1989
10. In which year were fewer than 200 books sold ?
a. 1989
b. 1991
c. 1993
d. 1992
11. What will be the difference of number of books sold in 1993 and 1990 ?
a. 600
b. 200
c. 400
d. 100
