Name: _____

Median

1)   The weekly wages of a group of unskilled workers follow:

Weekly wages ($)	Number of workers
140 – 160	18
160 – 180	24
180 – 200	32
200 – 220	20
220 – 240	8
240 – 260	6
260 – 280	2

Find the mean and median

2)   A survey was conducted by a group of students as a part of their environment awareness program, in which they collected the following data regarding the number of plants in 20 houses in a locality.

Number of plants	Number of houses
0 - 2	1
2 - 4	2
4 - 6	3
6 - 8	5
8 - 10	6
10 - 12	2
12 - 14	3

Find the median

3) Consider the following distribution of daily wages of 50 workers of a factory.

Daily wages	Number of workers
100 - 120	12
120 - 140	14
140 - 160	8
160 - 180	6
180 - 200	10

Find the median

4) Thirty women were examined in a hospital by a doctor and the number of heart beats per minute were recorded and summarized as follows.

Number of heart beats per minute	Number of women
65 - 68	2
68 - 71	4
71 - 74	3
74 - 77	8
77 - 80	7
80 - 83	4
83 - 86	2

Find the median

5) In a retail market, fruit vendors were selling mangoes kept in packing boxes. These boxes contained varying number of mangoes. The following was the distribution of mangoes according to the number of boxes.

Number of mangoes	Number of boxes
50 - 52	15
53 – 55	110
56 - 58	135
59 - 61	115
62 - 64	25

Find the median