Statistics: Worksheet -8

1. The following distribution gives the daily income of 50 workers of a factory.

Daily Income	100-120	120-140	140-160	160-180	180-200
Number of Workers	12	14	8	6	10

Convert the distribution above to a less than type cumulative frequency distribution, and draw its give.

2. During the medical check-up of 35 students of a class, their weights were recorded as Follows. Draw a less than type give for the given data. Hence obtain the median weight from the graph and verify the result by using the formula.

Weight in kgs	Number of students
Less than 38	0
Less than40	3
Less than42	5
Less than44	9
Less than46	14
Less than48	28
Less than50	32
Less than52	35

3. The following table gives production yield per hectare of wheat of 100 farms of a village. Change the distribution to a more than type distribution, and draw its give.

Production yield (in kg/ha)	50-55	55-60	60-65	65-70	70-75	75-80
Number of farms	2	8	12	24	38	16