Name: _____

Frequency Distribution of Grouped Data

Exercise 1: Given the following numbers:

30, 31, 31, 31, 37, 37, 37, 39, 39, 40, 40, 42, 42, 42, 42, 43, 43, 45, 45, 46, 46, 46, 48, 48, 48, 49, 50, 50, 56, 56

1) Construct a frequency table for grouped data having 6 classes.
2) Find the range
3) Find the mid-value
4) Find the decreasing cumulative frequency
5) Find the increasing cumulative frequency

Exercise 2: The following marks were obtained in an examination taken by 100 students:

Marks	No. of Students
25 – 30	2
30 – 35	3
35 – 40	7
40 – 45	7
45 – 50	8
50 – 55	25
55 – 60	18
60 – 65	12
65 – 70	10
70 – 75	8

Construct a grouped frequency distribution table to show the relative frequency, percentage, cumulative frequency and the relative cumulative frequency.