Name: _____

Bar Graph and Histogram

Exercise 1: The following marks were obtained in an examination taken by 50 students:

Marks	No. of Students
25 – 30	2
30 – 35	3
35 – 40	5
40 – 45	7
45 – 50	8
50 – 55	6
55 – 60	2
60 – 65	8
65 – 70	4
70 – 75	5

Draw a histogram for the above data

Exercise 2: Twenty-five army inductees were given a blood test to determine their blood type. The data set is as follows.

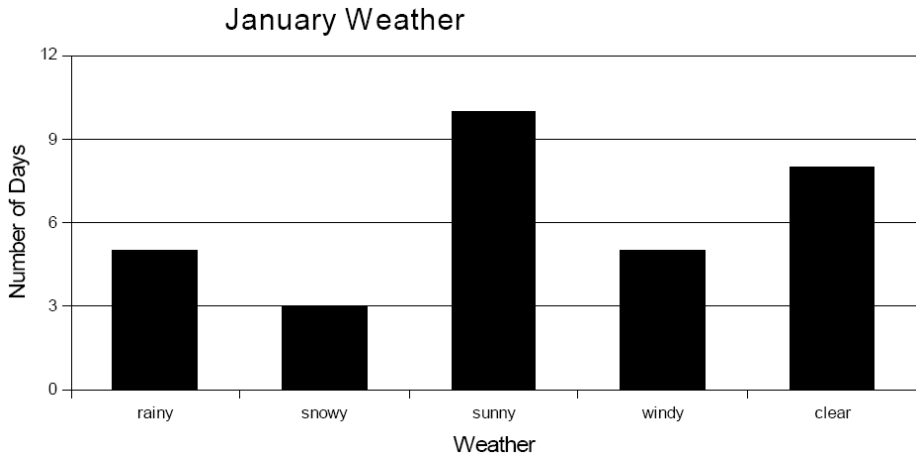
A	B	B	AB	O
O	O	B	AB	B
B	B	O	A	O
A	O	O	O	AB
AB	A	O	B	A

1) Construct an ungrouped frequency distribution for the data.
2) Draw a bar graph to represent the data

Exercise 3: Create a bar graph of the following hockey all-time regular season goal scorers.

Name	Goals scored
Wayne Gretzky	894
Gordie Howe	801
Brett Hull	741
Marcel Dionne	731
Phil Esposito	717
Mike Gartner	708
Mark Messier	694
Steve Yzerman	692
Mario Lemieux	690
Luc Robitaille	668

Exercise 4:Use the bar graph to answer the questions



1) How many rainy days were there in January in New York City?
2) How many clear days were there?
3) Does the scale on this graph count by 2s, 3s, 4s, or 5s? 4. How many more sunny days than snowy days were there?
4) How many more clear days than rainy days were there?
5) How many days were there in January?
6) If there were two less sunny days and two more snowy days, how many snowy days would there have been?
7) Are there more rainy days or windy days?