

Name: _____

Bar Graph and Histogram

Exercise 1: The following table shows the number of visitors to a park for the months January to March.

Month	January	February	March
Number of visitors	150	300	250

- Construct a vertical and a horizontal bar chart for the table.
- What is the percentage of increase of visitors to the park in March compared to January?
- What percentage of visitors came in February compared with total number of visitors over the three months?

Exercise 2: The following table contains grouped data on the weekly wages of 75 workers in a particular industry.

Wages	Frequency
250.00-259.99	8
260.00-269.99	10
270.00-279.99	16
280.00-289.99	15
290.00-299.99	10
300.00-319.99	10
320.00-379.99	6
Total	75

Construct a histogram for the frequency distribution.

Exercise 3: The following data shows the diameters of 25 ball-bearings in centimeters.

0.401	0.390	0.393
0.388	0.384	0.387
0.391	0.381	0.399
0.404	0.380	0.383
0.382	0.396	0.384
0.376	0.390	0.390
0.386	0.404	0.379
0.380	0.397	0.377

- Construct a grouped frequency distribution table with class intervals 0.375 – 0.380, 0.380 – 0.385 etc.
- Construct the histogram