

Chapter 5: Statistics

5.1 3M's

Vocabulary

Central Tendency

Mean

Median

Mode

Range

Outlier

Example #1:

The marks on a sample of 10 quizzes (16 possible marks) are as follows:

14, 12, 17, 2, 8, 12, 15, 8, 10, 11

Find the:

- a) Range
- b) Outlier(s)
- c) Mode(s)
- d) Median

- e) Mean

Use the calculator to check your answers for Median and Mode

Example #2:

For 30 randomly selected high school students, the following IQ frequency distribution was obtained.

IQ Levels	Frequency
80 – 90	2
90 – 100	9
100 – 110	11
110 – 120	5
120 – 130	2
130 - 140	1

Find the:

a) Mode(s)

b) Median

c) Mean

Use the calculator to check your answer for Median