

**Exercise I – Measures of Central Tendency**  
**EDU 7211 – Dr. Mitchell**

1. The most common type of average computed is
  - a. mode
  - b. variance
  - c. mean
  - d. median
2. What is the mean for the following values: 10, 35, 40, 60, 55, 25, 50?
  - a. 45
  - b. 44.17
  - c. 40
  - d. 39.29
3. The midpoint in a set of scores is called the
  - a. mode
  - b. mean
  - c. median
  - d. standard deviation
4. The following is a list of the cost of a pepperoni pizza at different local pizza shops: \$11.75, \$12.75, \$13.00, \$10.75, \$11.50, \$10.50, \$10.75. What is the median?
  - a. \$11.50
  - b. \$10.75
  - c. \$11.57
  - d. \$11.13
5. The mode is best defined as
  - a. the sum of all the values in a group
  - b. the value or values that occurs most frequently
  - c. the midpoint in a set of scores
  - d. the number of subjects collected
6. Compute the mean of the Yourtown Basketball team if the team members' heights are as follows: 75", 72", 70", 78", 67", 73", 74", 74", 71". Show your work.
7. Joe Pupil is a sophomore in Statistics 101. What is his final grade for the semester?

<u>Assignment</u>	<u>Grade</u>	<u>Percentage of Final</u> <u>Grade</u>
Midterm	80	20%
Final	93	20%
Presentation	75	10%
Homework #1	83	10%
Homework #2	61	10%
Homework #3	85	10%

8. What is the median for the following values: 34, 44, 65, 57, 28, 59?

9. What is the mode for the following distribution of scores?

<u>Eye Color</u>	<u>Frequency</u>
Blue	365
Brown	432
Hazel	99
Green	103

10 Calculate the mean, median and mode for the following values: 62, 73, 82, 70, 2, 69