

Name: \_\_\_\_\_

## Mode

**Exercise 1:** Given the following data set, find the mode.  
12, 15, 16, 19, 20, 20, 22, 23, 25, 27, 29, 30, 32, 32, 35

**Exercise 2:** What is the mode of 0 5 8 10 12 12 17 19 20 25?

**Exercise 3:** Find the mode of 7, 4, 5, 1, 7, 3, 4, 6,7.

**Exercise 4:** Find the mode of 19, 20, 21, 24, 27, 30.

**Exercise 5:** Find the mode of 12, 15, 11, 12, 19, 15, 24, 27, 20, 12, 19, 15.

**Exercise 6:** Find the mode of the following frequency table:

Wage	45	50	55	60	65	70	75
No. of Employees	12	11	14	13	12	10	9

**Exercise 7:** A sample of 10 students were asked by their instructor to record the number of hours they spent studying for a given exam from the time the exam was announced in class. The following data values were the recorded number of hours:  
12 15 8 9 14 8 17 14 8 15

- 1) Find the mean
- 2) Find the median
- 3) Find the mode

**Exercise 8:** Given the following frequency distribution.

Class	Frequency
10-14	2
15-19	4
20-24	4
25-29	3
30-34	2

- 1) Find the mean
- 2) Find the median
- 3) Find the mode

**Exercise 9:** The following frequency distribution shows the scores on the exit examination for statistics majors at a four-year college for a given year:

98 75 85 97 80 87 97 60 83 90

Find the mean, mode, and median for this set of data.

**Exercise 10:** The modes of the following set of data are 7 and 9. What must be the value of  $y$ ?

6, 9, 3, 4, 8, 0, 7, 2, 9,  $y$