

**Math 101 - Worksheet for Section 12.1-2**

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

The ages of 20 most powerful women in U.S. are given below.

26,31,35,43,43,44,45,48,49,51,  
51,51,51,54,54,55,55,56,58,72

1. Construct a frequency distribution using 5 classes.

2. Draw a frequency histogram.

3. Draw a stem and leaf diagram.

4. Draw a pie chart

5. Find the average age of 20 most powerful women in U.S.

6. What is the mode?

7. What is the median?

You are taking a class in which your grade is determined from 5 sources:

- 50% from your tests mean
- 15% from your midterm
- 20% from your final exam
- 10% from your computer lab work
- 5% form your homework

Your scores are

- 86 for tests mean
- 96 for midterm
- 82 for final exam
- 98 for computer lab work
- 100 for homework

8. What is your grade in this course?

9. There was an error in your final exam and you actually scored 98 instead of 82. What is your grade in this course?