

Name \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

1. Construct a frequency distribution and frequency histogram for the data set using the indicated classes. Use 5 intervals

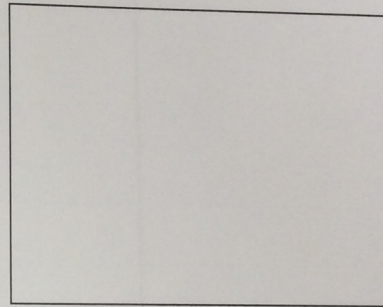
Ages of employees who were donors during a recent blood drive:

35 53 62 43 22 43 24 32 36 38 39 56 25 64  
 26 31 36 48 41 23 39 31 45 30 44 35 62 50  
 38 44 32 35 41 37 29 46 24 58 44 42

Frequency Distribution

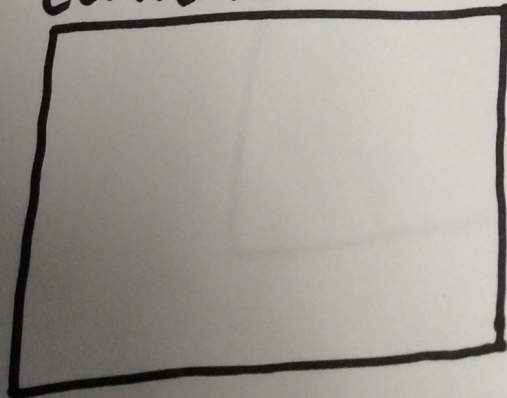
Intervals	Frequency	Cumulative

Frequency Histogram



- a. Which interval has the highest frequency? \_\_\_\_\_
- b. Which interval has the lowest frequency? \_\_\_\_\_
- c. The second interval has what frequency? \_\_\_\_\_

**CUMULATIVE FREQ. HISTOGRAM**



2. Construct a frequency distribution and a histogram for the data set using the given classes. Use 6 intervals.

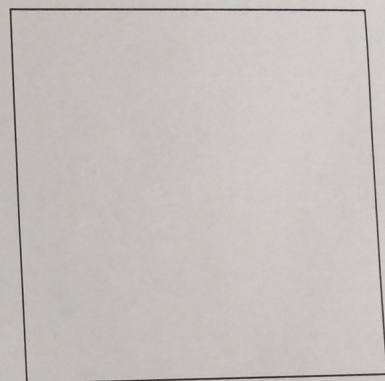
**Weights of carry-on luggage in pounds**

30 27 15 42 35 47 38 36 27 35 22 17 29 3  
 21 0 38 32 41 33 26 55 18 43 18 32 31 32  
 19 21 33 31 54 29 51 12 33 18 21 26 51 2

a. Frequency Distribution

Histogram

<i>Intervals</i>	<i>Frequency</i>	<i>Cumulative</i>



**CUMULATIVE FREQ. HISTOGRAM**

