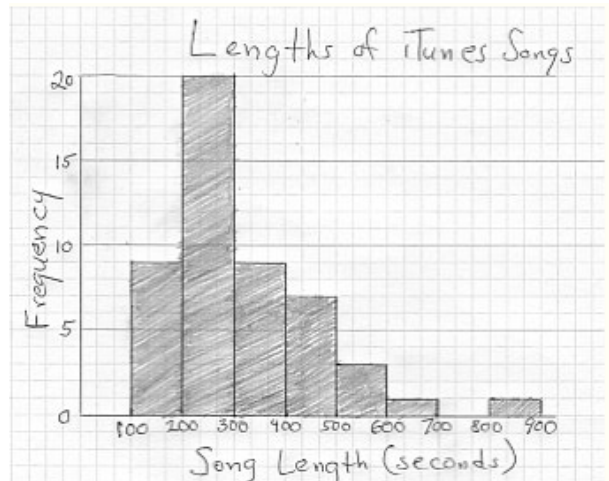


1. Write (3) true statements from the histogram at right.

a.

b.

c.



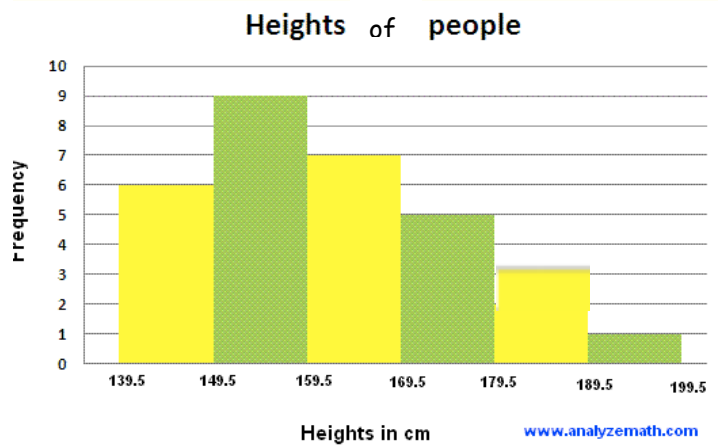
2. Use the data on heights to right.

a. What interval does the median lie in?

b. How many people were surveyed?

c. What percent of people are between 139.5 and 149.5 cm tall?

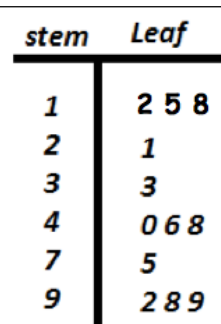
d. What is the mode?



3. Use data in stem and leaf plot

a) Find the (3) measures of central tendency

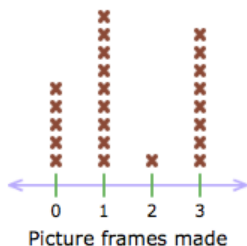
b) Find the range.



key 1|5 = 1.5

4.

Making picture frames



⊗ = 5 people

How many students made fewer than 2 picture frames?

5. Make a frequency table with between 4 and 6 intervals for the data below.

The number of calls from motorists per day for roadside service was recorded for the month of December 2011. The results were as follows:

28 122 217 130 120 86 80 90 120 140
 70 40 145 187 113 90 68 174 194 170
 100 75 104 97 75 123 100 82 109 120
 81

6. Complete the table

Two-Way Frequency Table			
Bald	Age		Total
	Younger than 45	45 or older	
No		11	46
Yes	24	30	
Total			100

7. During one month, exactly half of the 180 babies born in a hospital were boys, and 40 of the babies weighed 4 kg. or more. There were 26 baby boys who weighed 4 kg. or more.

a.) Using this information, complete the table.

	Less Than 4 kg	4 kg or More
Boys		
Girls		

b.) What percentage of babies were girls weighing less than 4 kg? _____

8. Look at this set of 8 numbers:

62 53 98 99 95 84 19 78

How would the median change if the number 51 replaced the number 99 in the set?

- increase
- decrease
- no change

9. Look at this set of 9 numbers:

6 7 4 3 7 9 4 9 4

How would the median change if the number 7 replaced one of the 4's in the set?

- increase
- decrease
- no change