

Chapter 11 - Statistical Measures

1. Find the measures of center:

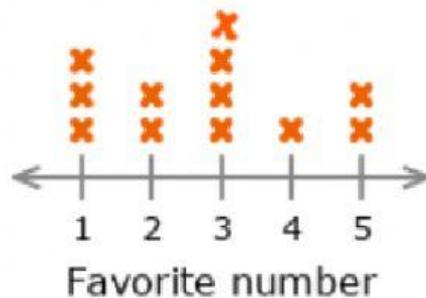
7, 5, 2, 7, 6, 12, 10, 4, 8, 9

Mean =

Median =

Mode =

2. Find the measures of center:



Mean =

Median =

Mode =

3. Find the measures of variation:

13, 16, 20, 7, 19, 15, 8

Range =

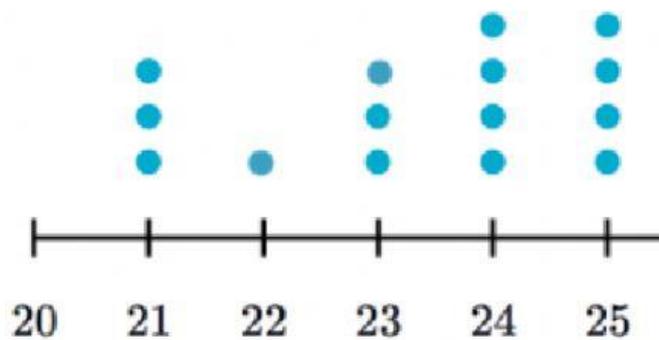
Median =

First quartile, Q1 =

Third quartile, Q3 =

Interquartile range, I.Q.R =

4. Find the measures of variation:



Range =

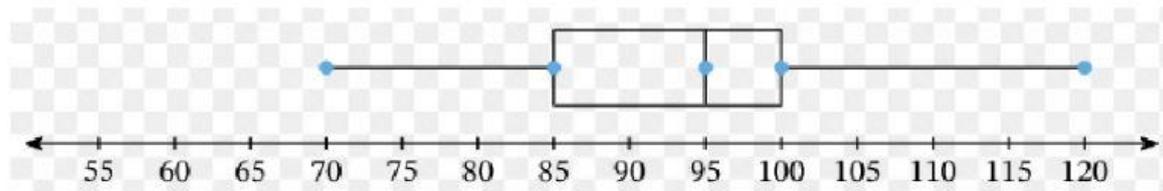
Median =

First quartile, Q1 =

Third quartile, Q3 =

Interquartile range, I.Q.R =

5. Find the measures of variation:



Range =

Median =

First quartile, Q1 =

Third quartile, Q3 =

Interquartile range, I.Q.R =

6. Find the Mean Absolute Deviation (M.A.D):

7, 5, 2, 7, 6, 12, 10, 4, 8, 9

Mean =

Mean Absolute Deviation (M.A.D) =

Formulas:

1. Mean = Add all the numbers \div Number of data

2. Median:

Arrange all the numbers from small to big, the middle number is the Median.

Note: If 2 numbers are in the middle then add them and divide it by 2

3. Mode:

The number which is repeated many times.

4. Range = biggest - smallest

(or)

Range = upper extreme - lower extreme

5. Interquartile range, I.Q.R = $Q3 - Q1$

(or)

Interquartile range, I.Q.R

= upper quartile - lower quartile

6.

