

Bozeman Video: Statistics for Science

Statistics: \_\_\_\_\_  
\_\_\_\_\_

Population definition: \_\_\_\_\_

Parameters= all of the characteristics of the population

N= population size

The Sample: a small, randomly chosen, group of the population that is used to represent the population

n = sample size = \_\_\_\_\_

\_\_\_\_\_ = mean = average

M = median = \_\_\_\_\_

Range = \_\_\_\_\_

Example problem:

Data: 2 6 3 2 5 9 8

Find the:

Sample size (n) = \_\_\_\_\_

Mean (x) = \_\_\_\_\_

Median = \_\_\_\_\_

Range = \_\_\_\_\_

Degrees of Freedom: \_\_\_\_\_

Example:  $A + B + C = 10$

# of degrees of freedom for above? \_\_\_\_\_

How do you figure out degrees of freedom in general?