

Name: _____

Vocabulary – Statistics & Probability

Biased sample :

a sample in which some members of the population have a greater chance of being selected for the sample than other members.

Mean:

the sum of the terms in a data set divided by the number of terms in the set

Population:

the group of interest in a survey

Random sample:

A sample in which each individual in the population has an equal chance of being selected for the sample

Sample:

a smaller group taken from the population

Applying Sampling and Population

Survey Topic: number of books read by seventh-graders in Paulding

Population – the whole group being studied	Population: All 7 th graders in Paulding
Sample – part of the population	Sample: All seventh graders at East Paulding Middle School
Random Sample: each member of the population has a chance. Better represents the population than non-random sample	Random Sample: have a computer select every tenth name from an alphabetical list of each seventh-grader in Paulding
Biased sample – does not truly represent the population	Biased sample: all of the seventh graders in Paulding who are enrolled in honors English classes