

Statistics Population Vs. Sample Worksheet

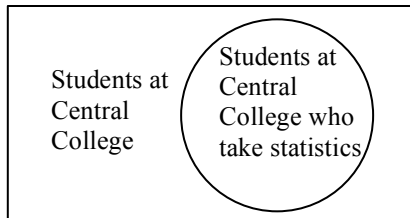
Name _____

Determine whether the data set is a population or a sample. Explain your reasoning.

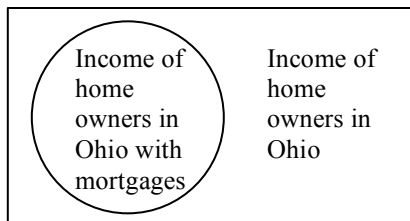
1. The age of each state governor.
2. The speed of every fifth car passing a police speed trap.
3. The annual salary for each employee at a company.
4. The number of pets in each U.S. household.

Identify the population and the sample.

5.



6.



7. A study of 33,043 infants in Italy was conducted to find a link between heart rhythm abnormality and sudden infant death syndrome.

8. A survey of 2104 households in the United States found that 65% subscribe to cable television.

Determine whether the numerical value is a parameter or a statistics.
Explain your reasoning.

9. The average annual salary for 35 of a company's 1200 accountants is \$68,000.

10. In a recent year, the interest category for 12% of all new magazines was sports.

11. In a recent survey of 1000 adults from the U.S., 47% said using a cell phone while driving should be illegal.

12. In a recent year, the average math scores for all graduates on the ACT was 20.7.

Short response:

13. Why is a sample used more often than a population?