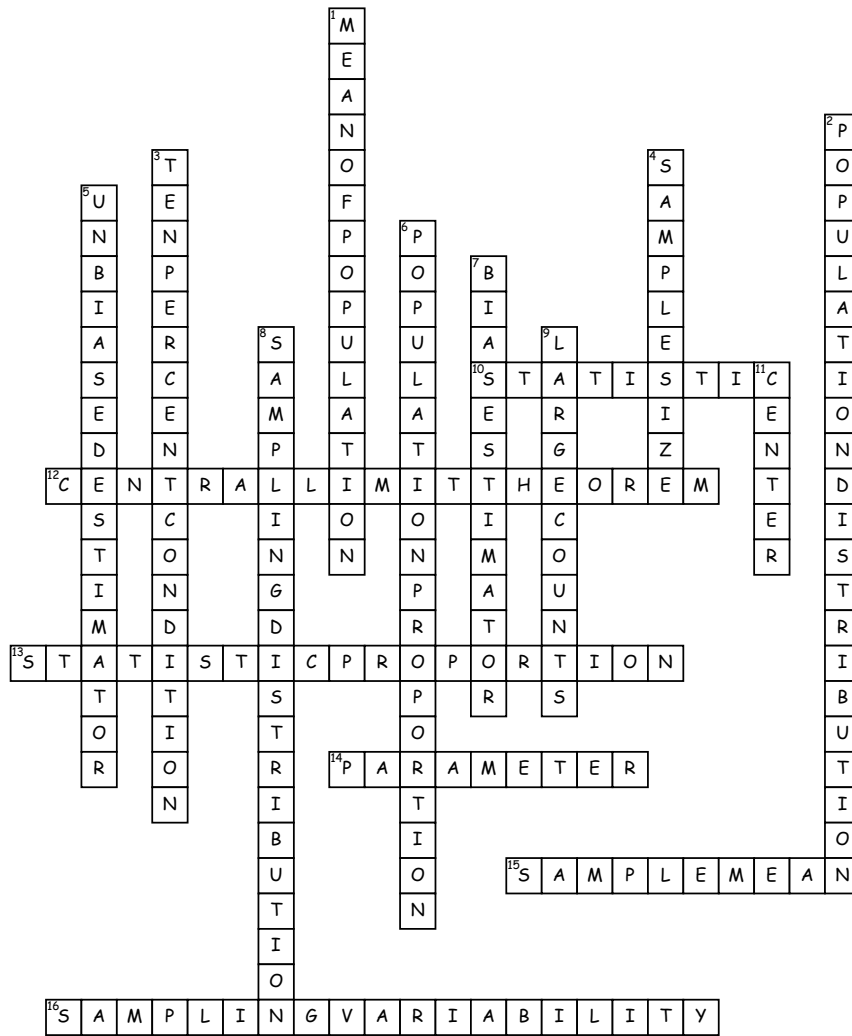


Name: \_\_\_\_\_

# AP Stats Chapter 7



## Across

10. A number that describes some characteristic of a sample
12. When  $n$  is large, ( $n > 30$ ), the sampling distribution is approx. Normal
13. Categorical Data represented by "p hat", describes a percentage value associated with a sample
14. A number that describes some characteristic of the population
15. Quantitative Data represented by the symbol " $\bar{x}$ ". The average of the data collected
16. The value of a statistic varies in repeated random sampling

## Down

1. Quantitative Data represented by "M". The average of everyone
2. Gives the values of the variable for all the individuals in the population
3. Used to determine spread for both Sample Proportions and Sample Means. Also uses Stnd. Dev.
4. Number of subjects being recorded in one session, represented by "n"
5. Statistic used to measure a parameter if the mean of the sample distribution is equal to the true value of the parameter

6. Parameter that describes a percentage value associated with a population
7. The center of a sampling distribution is not equal to the true value of the parameter
8. Distribution of values taken by the statistics in samples of the same size from the same population
9. Used to describe shape for sample proportions, both  $np > 10$  and  $n(1-p) > 10$
11. The mean of the distribution,  $M_p$  for Sample Proportions and  $M$  for Sample Means

## Word Bank

Population Distribution	Mean of Population	Central Limit Theorem	Statistic Proportion
Sampling Distribution	Statistic	Ten Percent Condition	Sample Mean
Center	Large Counts	Bias Estimator	Population Proportion
Sampling Variability	Parameter	Unbiased Estimator	Sample Size