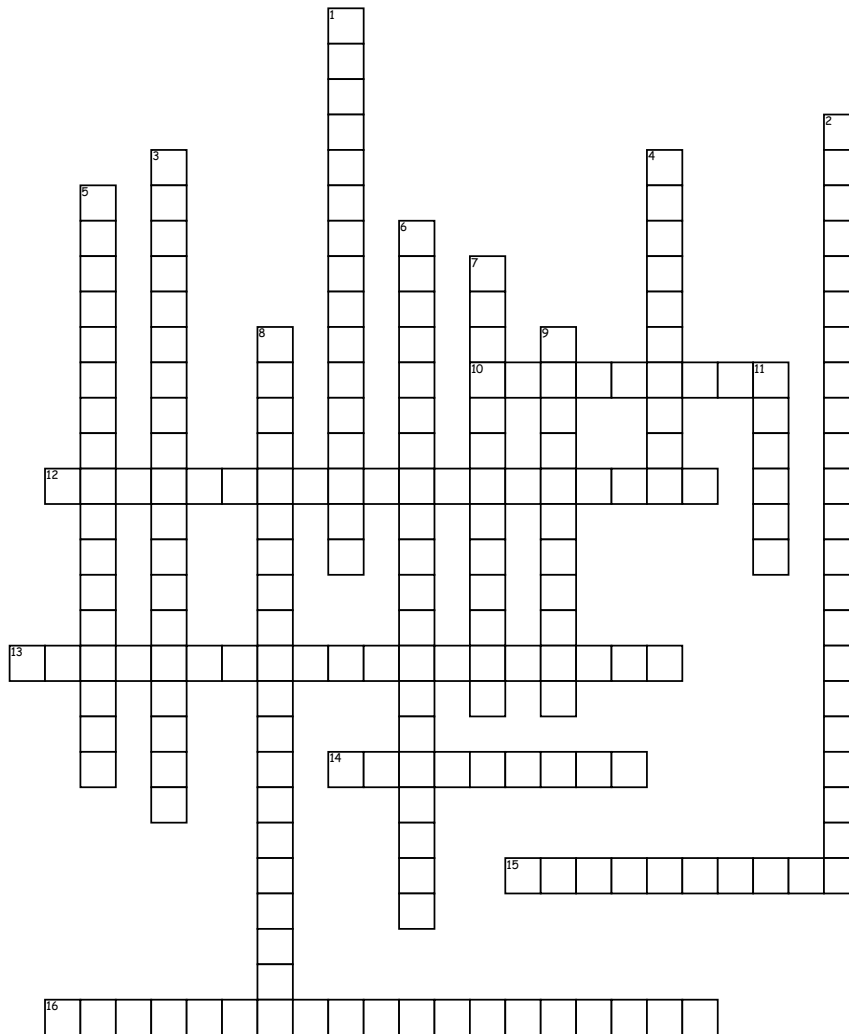Name: _____

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 "x bar". 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> or =10 and n(1-p)> or =10

11. The mean of the distribution, Mp for Sample Proportions and M for Sample Means

Word Bank

SampleSize	Parameter	BiasEstimator	CentralLimitTheorem
UnbiasedEstimator	LargeCounts	SamplingVariability	Center
SamplingDistribution	PopulationProportion	TenPercentCondition	SampleMean
PopulationDistribution	StatisticProportion	MeanofPopulation	Statistic