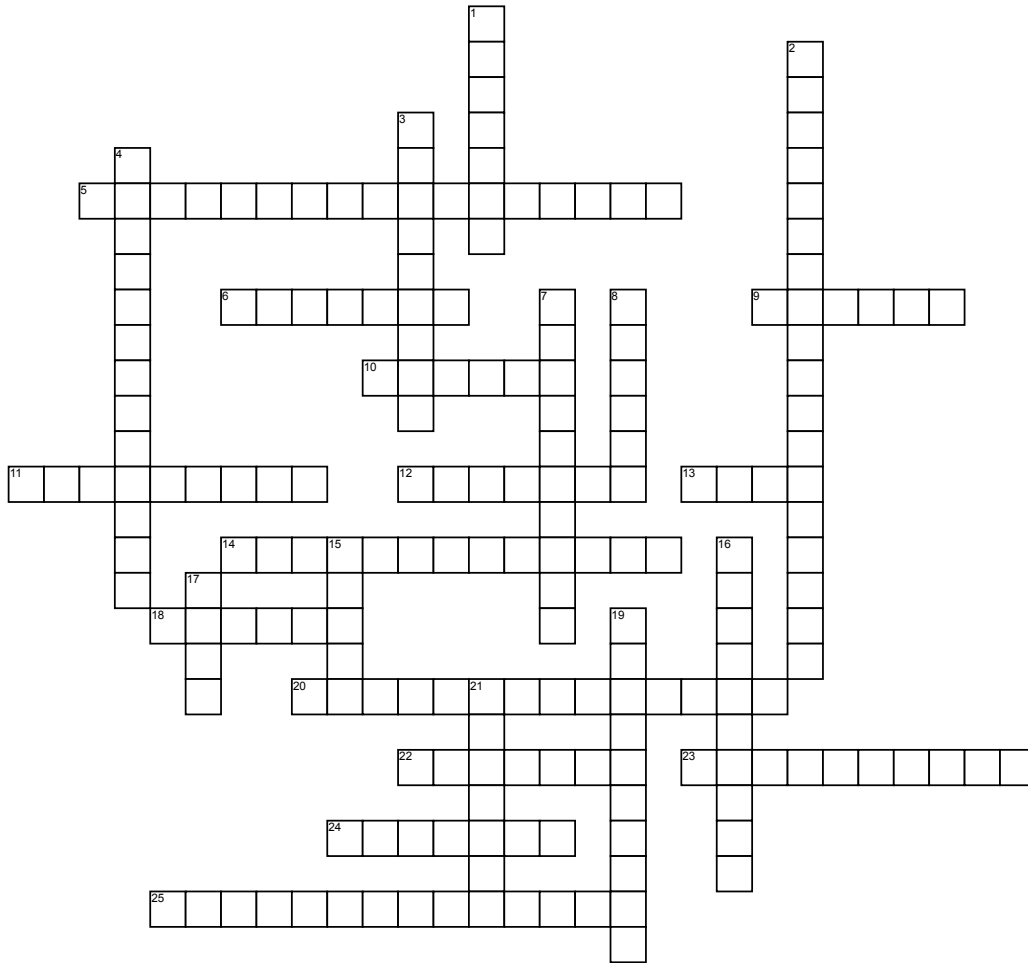Name: _____ Date: _____

Unit study Guide

Across

5. a set of deceptive statistics that provides information about a data set

6. in _____ sampling we divide the population into sections or clusters. Then we randomly select some of those clusters and choose all of the members from each cluster selected. multistage sampling

9. a group/subset you pick from a population

10. collection of data from every element in a population

11. the heights of the bar tells us how many data points are in each bin

12. the highest value in a data set

13. the value that occurs most often in the data set

14. median of the second half of the data set

18. the middle number of a data set

20. Also called the median; the middle value between the median and the highest value of the data set.

22. a collection of data

23. the science of data

24. a standardized way of displaying the distribution of data based on the Five number summary

25. a way to organize and display data

Down

1. the lowest value in a data set

2. the difference between the third quartile and the first quartile

3. numerical measurement describing some characteristic of a population

4. the median of the first half of the data set

7. In _____ sampling we select some starting point and then select every k-th element in the population. Mod arithmetic is useful for this type of sampling.

8. in a _____ sample, members of the population are selected in such a way that each has an equal chance of being selected.

15. the difference between the largest and smallest value in a data set

16. collection of all items of interest to our study

17. the average of a data set

19. with _____ sampling we subdivide the population into at least tow different subgroups (or strata) that share the same characteristics then we draw a sample from each stratum and combine these to form the full sample.

21. another way and display data

Word Bank

Random	data set	Stratified	minimum	systematic
histogram	Five Number Summary	Third Quartile	range	statistics
mode	cluster	population	dot plot	sample
maximum	First Quartile	box plot	interquartile range	census
Second Quartile	frequency table	median	mean	parameter