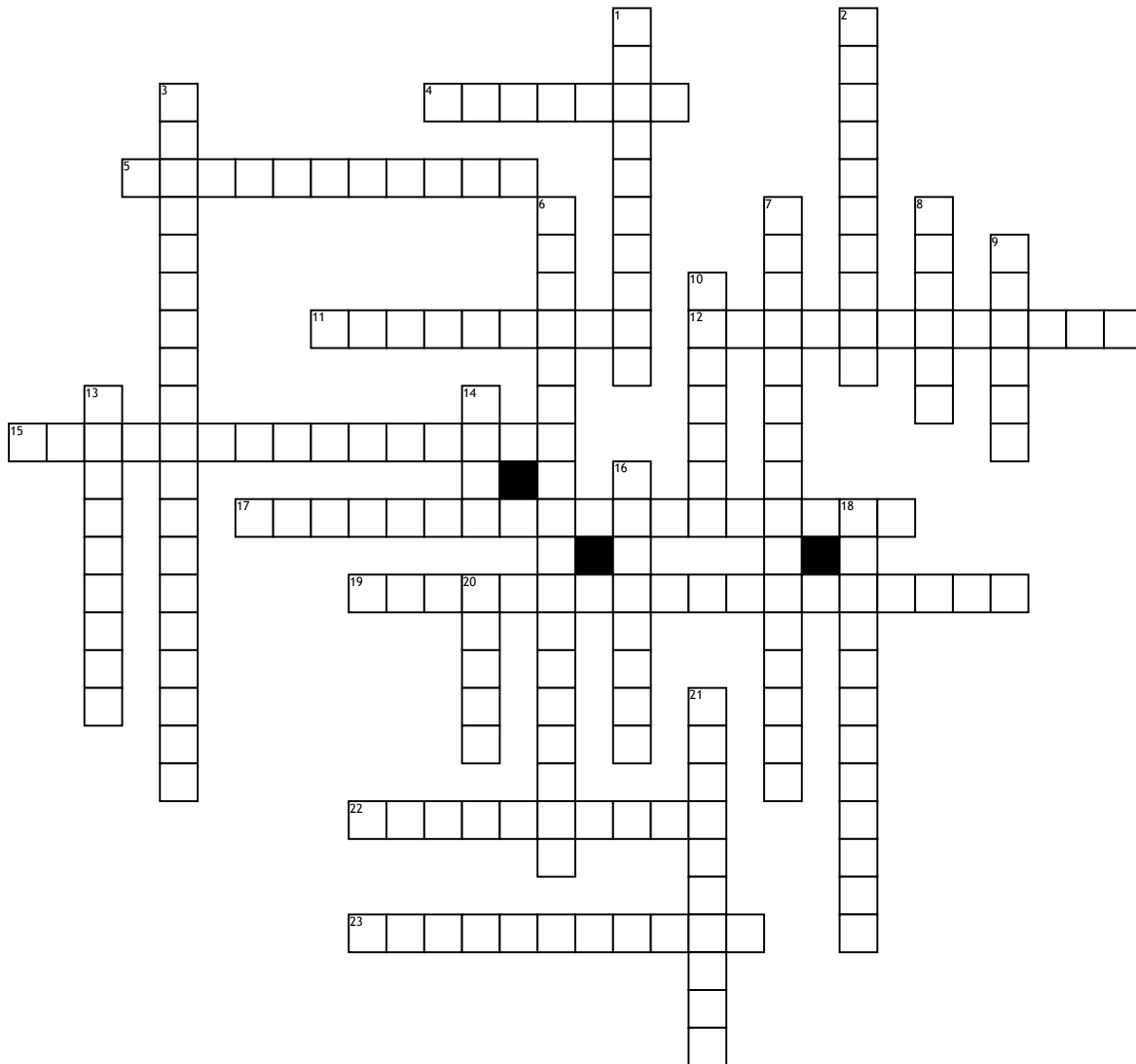# Ch 1 vocab

Across

4. data that consists of names, labels, or categories only

5. occurs in an experiment when the experimenter is not able to distinguish between the effects of different factors

11. a numerical measurement describing some characteristics of a sample

12. members of population are selected in a way that each member has an equal chance of being selected

15. data can be separated into different categories that are distinguished by some nonnumerical characteristic, quality

17. study and measure specific characteristics , but do not modify the subjects

19. data collected from the past by going back in time

22. result from infinatly many possible values that correspond to some continuous scale that covers a range of values within interruptions

23. use results that are very easy to get

Down

1. collection of methods for planning experiments, collecting data, and drawing conclusions

2. a complete collection of all elements

3. data are observed, measured, and collected at one point in time

6. select a starting point then select every element in the population

7. numbers representing counts or measurements

8. collection of data from every member of the population

9. a sub-collection of members selected from a population

10. can be arranged in some order, but differences cannot be determined

13. a numerical measurement describing some characteristics of a population

14. Observations that have been collected

16. like the ordinal level, but differences between any two data values is meaningful

18. result when the number of possible values is either finite number or coutable

20. interval level with a natural zero starting point

21. data are collected in the future from groups sharing common factors