Name: _____ Date: _____

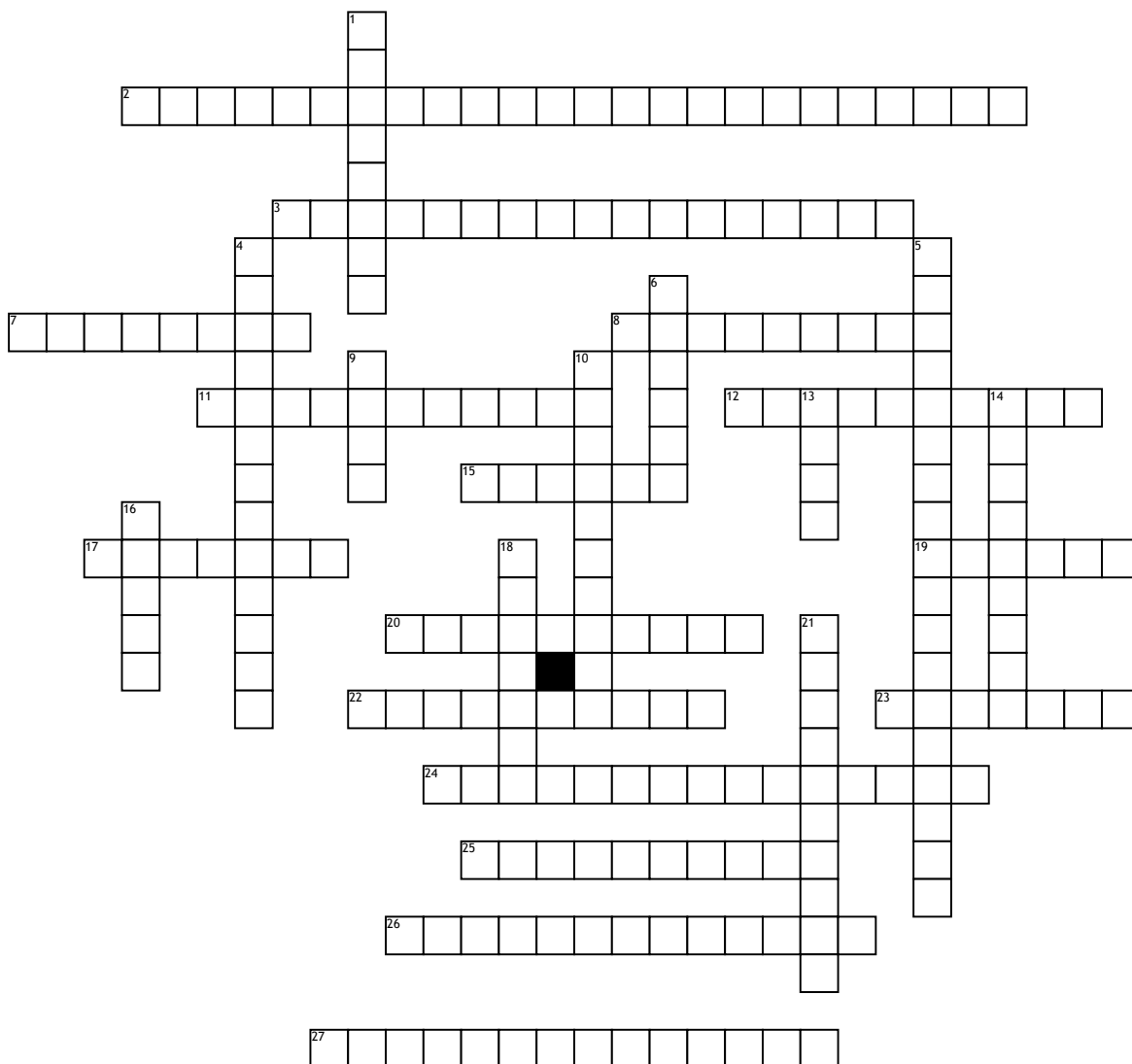# Statistics & Probability

Across

2. to seek meaning from and to learn more about observed phenomena as well as to inform decisions and actions

3. a quantity calculated to indicate the extent of deviation for a group as a whole

7. chart or graph that presents categorical data with rectangular bars with heights or lengths proportional to the values that they represent.

8. numerical or other measurable factor forming one of a set that defines a system or sets the conditions of its operation.

11. relative possibility that an event will occur as expressed by the ratio of the number of actual occurrences to the total number of possible occurrences

12. imitation or enactment as of something anticipated or in testing

15. standard score, how far from the mean a data point is

17. method for graphically depicting groups of numerical data through their Quartiles.

19. to take a general or comprehensive view of or appraise, as a situation, area of study, etc

20. Practice or science of collecting and analyzing numerical data in large quantities.

22. a judgement or decision reached by reasoning

23. to notice or perceive

24. statistical data type consisting of categorical variables

25. scientific procedure undertaken to make a discovery, test a hypothesis, or demonstrate a known fact.

26. measure of how close the results are likely to be

27. measures of values or counts and are expressed as numbers.

Down

1. to form an approximate judgement or opinion regarding the worth

4. statistical rule for a normal distribution determined with the mean and the standard deviation

5. a function that represents the distribution of many random variables as a symmetrical bell-shaped graph

6. a small part or quantity intended to show what the whole is like

9. individual facts, statistics, or items of information

10. supposition or proposed explanation made on the basis of limited evidence as a starting point for further investigation

13. average

14. act of passing from statistical sample data to generalizations usually with calculated degrees of certainty.

16. a three-dimensional representation of a person or thing or of a proposed structure typically on a smaller scale than the original

18. representation of a distribution consists of group of data points plotted on a simple scale

21. a finite or infinite collection of items under consideration