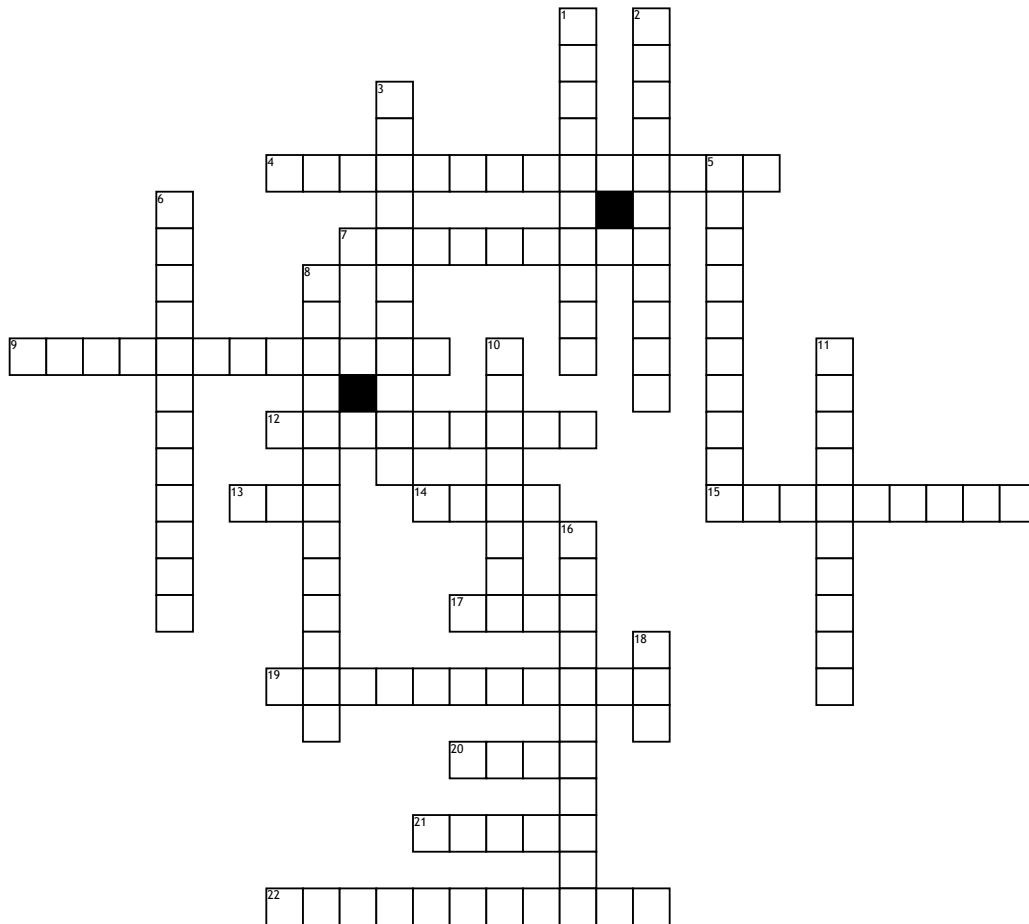


# Week 6 Terminology & More



## Across

4. The scientific method is sometimes also referred to as a \_\_\_\_\_

7. This is a population measurement \_\_\_\_\_

9. What is the name of the rule  $P(A) + P(B) - P(A \text{ and } B)$ ?

12. What type of chart shows the history of the data in categories?

13. How many standard deviations away from the mean creates an unusual situations?

14. The average measurement of data is also known as the \_\_\_\_\_.

15. What is another name for the 68-95-99.7 Rule?

17. What is the other name for a Type II Error?

19. The relationship between two variables is known as the \_\_\_\_\_

20. Objects, counts, measurements, characteristics are all known globally as \_\_\_\_\_

21. What is the Type of Error that is bad? Type I or Type II

22. What type of events can occur simultaneously?

## Down

1. What is the science of studying, organizing, summarizing and gathering data?

2. What type of Chart shows data in pairs?

3. The chance things can occur. \_\_\_\_\_

5.  $n =$  \_\_\_\_\_

6. This type of data consists of number measurements \_\_\_\_\_

8. The z score multiplied by the standard error is \_\_\_\_\_.

10. The square of standard deviation. \_\_\_\_\_

11. 99% \_\_\_\_\_ interval has a 1% alpha level from both tails.

16. This type of data is full of wonderful characteristics or attributes.

18. The sum of all probabilities is this. \_\_\_\_\_

## Word Bank

Confidence

Type I

sample size

One

Quantitative

Margin of Error

Independent

Data

parameter

Histogram

Addition Rule

Mean

Beta

Variance

Qualitative

empirical

Probability

Statistics

hypothesis test

two

Scatter Plot

Correlation