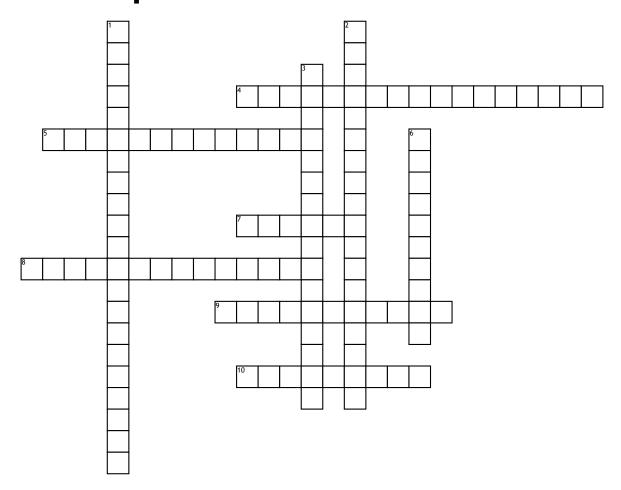# Chapter 7-8 Definitions

Across

4. A number such that we reject Ho if the p-value is less than or equal to that number.
5. A specific numerical value estimate of a parameter.
7. The actual probability of getting the sample mean value if the null hypothesis is true.
8. A statistical statement that states there is no difference between a parameter and a specific value or that there is no difference between two parameters.
9. The error that occurs if you do not reject the null hypothesis when it is false.
10. The numerical value obtained from a statistical test.

Down

1. A statistical statement that says a difference between the parameter and a specific value exists or states that there is a difference between two parameters.
2. A specific interval estimate of a parameter determined by using data obtained from a sample and the specific confidence level of the estimate.
3. An interval of numbers within which the parameter value is believed to fall.
6. The error that occurs if you reject the null hypothesis when it is true.