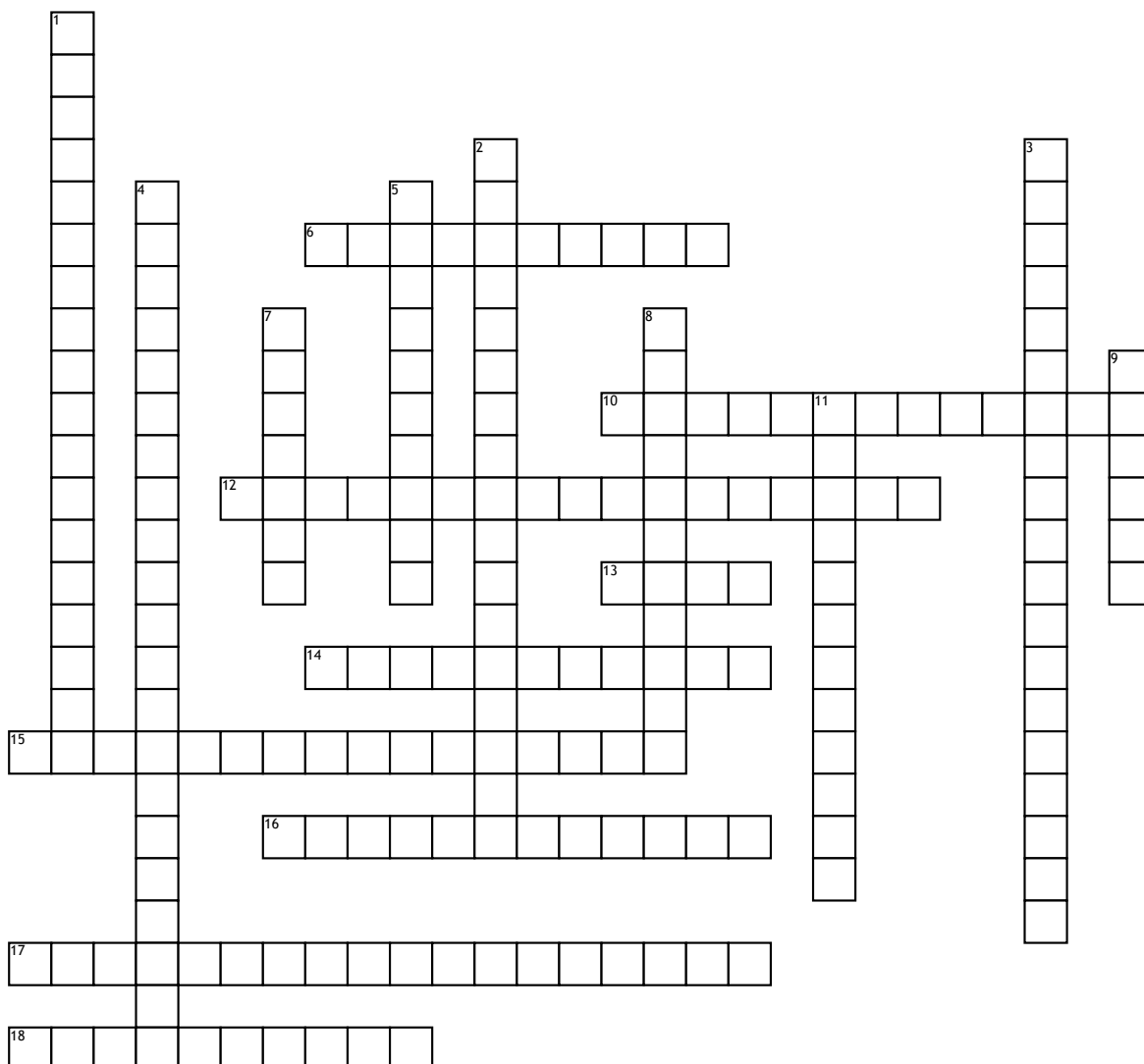


Name: _____

Date: _____

AP Statistics: Experimental Design



Across

6. when you select some subjects from each subgroup

10. some groups of people are ignored

12. when subjects voluntarily choose to be in the sample (3 words)

13. when a study systematically favors one outcome over another

14. some subjects that are chosen do not answer (3 words)

15. y variable (2 words)

16. when subjects give incorrect answers because they forgot or are lying (2 words)

17. scientists only observe, no treatment is imposed (2 words)

18. choosing every nth person

Down

1. a type of sampling that gives every individual and every group of size n an equal chance of being chosen

2. a special case of block design in which each block consists of only 2 subjects (3 words)

3. x variable (2 words)

4. the subject nor the person handing out the treatments know if the subjects are getting the treatment or placebo

5. the combinations you will test

7. all the explanatory variables

8. when you select whoever you run into to be in the sample

9. the choices you have for each factor

11. used for comparison (can get no treatment or old treatment (2 words)