

Name _____ Date _____

“Is yawning contagious” Season 1: Episode 9

1. What are the mythbusters trying to test?
2. What is their original design?
3. What is the variable of interest?
4. What was wrong with the pilot study? What are they going to change?
5. In the large scale study how was the **treatment** administered?
6. How many subjects did they test?
7. What were the results?
8. What were some weaknesses of their design?

“Slapping Sense” Season 9 Episode 12 (“Operation Valkyrie”)

9. What are the null and alternative hypothesis for the slapping myth?
10. How are they going to make sure that every slap is the same?
11. What are the three ways that Grant is going to go through the experiment?

12. What tests are they going to have Grant do?

13. What were the results for Grant?

14. Why did they have to do the test again?

15. How is this test different from Grant's test?

16. What were the results from this study?

17. What is one strength of the overall design (for Grant/ or for Kari/Tory) and what is one weakness with their design?