

Name: _____

Pre-Lab: Animal Behavioral Diversity and the Scientific Method

1) (5 pts) You just saw a dog food commercial on TV that states that dogs prefer Alpo over Kal-Kan. Think about how you could conduct an experiment to test whether or not this statement is true. State your null and alternative hypotheses. What response variable would you use in your experiment?

null hypothesis:

alternative hypothesis:

response variable:

2) (5pts) Based on the chart on page Behavior-8 what is the P (heads=9)? Show your calculations.

