Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

AP STATISTICS – MS. KLIMCZUK

Chapter 19: Just Checking Questions

1. A research team wants to know if aspirin helps to thin blood. The null hypotheses says that it doesn’t. They test 12 patients, observe the proportion with thinner blood, and get a P-value of 0.32. They proclaim aspirin doesn’t work. What would you say? Why?
2. An allergy drug has been tested and found to give relief to 75% of the patients in a large clinical trial. Now the scientists want to see if the new, improved version works even better. What would the null hypotheses be? What would the alternative hypotheses be?
3. The new drug is tested and the P-value is 0.0001. What would you conclude about the new drug?