

Name _____

STA 442/1008 Quiz 2

1. (4 Points) In the furnace study, would it be possible for houses to be randomly assigned to values of the Vent Damper variable (Electric versus Thermal)? Explain. If it is possible, would there be any advantages to random assignment? Briefly discuss.

2. (2 Points) What is the standard deviation of average energy consumption with vent damper in and vent damper out? (It's a single number).

3. (2 Points) How many houses have rectangular chimneys? The answer is a number.

4. (2 Points) How tall is the tallest chimney? The answer is a number.