Name _____ Class Period _____ Date Due 12/12/18

SIMPSON SCIENTIFIC METHOD

Smithers believes that his workers at the factory could be more productive. He thinks that a special juice will increase the productivity of workers. He selects two groups of 50 workers each and assigns each group the same task (in this case, they're supposed to staple a set of papers). Group A is given a special juice to drink while they work. Group B is not given the special juice. After an hour, Smithers counts how many stacks of paper each group has made. Group A made 6,587 stacks, Group B made 1,113 stacks.

Identify the:

1. Hypothesis

_____

2. Control Group

_____

3. Experimental Group

_____

4. Independent Variable

_____

5. Dependent Variable

_____

6. What should Smithers conclusion be?

_____

Homer suddenly notices that the walls of his shower are covered in a strange green slime. His friend Barney tells him that coconut juice will get rid of the green slime. Homer decides to test this out by spraying half of the shower with coconut juice every day. He sprays the other half of the shower with water. After 3 days of "treatment" there is no change in the amount of green slime on either side of the shower.

7. What was Homer's initial observation?

_____

Identify the:

8. Hypothesis

_____

9. Control Group

_____

10. Independent Variable

_____

11. Dependent Variable

_____

12. What should Homer's conclusion be?

_____