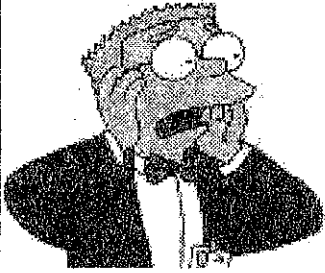


SIMPSON SCIENTIFIC METHOD



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?

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?



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.