Name: _____ Date: _____ Period: ____

Identify the Controls and Variables



Smithers thinks that a special juice will increase the productivity of workers. He creates 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 the special juice to drink while they work. Group B is not given the special juice. After an hour, Smithers counts how many stacks of papers each group has made. Group A made 1,587 stacks, Group B made 2,113 stacks.

Identify the:

1. Test (independent) Variable:

2. Outcome (Dependent) Variable:

3. Write a hypothesis for his experiment:

1. **Become greater in number, level, or amount:**
2. **Give someone a work to be done:**
3. **An activity or work to be done:**
4. **Fasten something to something else or fix it in place using small pieces of bent wire that are used mainly for holding sheets of paper together firmly:**
5. **Two things are happening at the same time:**
6. **A number of things arranged in neat piles:**

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