



Krusty was told that a certain itching powder was the newest best thing on the market; it even claims to cause 50% longer lasting itches. Interested in this product, he buys the itching powder and compares it to his usual product. One test subject (A) is sprinkled with the original itching powder, (B) was sprinkled with the Experimental itching powder. Subject A reported having itches for 30 minutes. Subject B reported to have itches for 45 minutes.

- Identify the following and write out the definition for each

**1. Write a Hypothesis**

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**2. Control Group**

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**3. Constants**

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**4. Independent Variable**

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**5. Dependent Variable**

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**6. Explain whether the data supports the advertisements claims about its product**

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- What are the key characteristics of life?

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- Is a plant considered to be 'alive'? Explain why in complete sentences.

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