

PPDAC Quiz #1

Name:

Headaches: The University Hospital Network in Toronto has a research pool of thousands of people who wish to participate in their studies. They use a computer to generate random numbers to indicate positions on the list and then call those 50 people into their lab. All of the subjects are given a pill to take to help with their next headache. When the researchers called a week later, 84% of the subjects reported that after taking the pill their headaches disappeared.

a) Is it Causal or Descriptive?	
b) How much Replication?	
c) Sampling Technique?	
d) Random Assignment?	
e) What is the Thesis?	
f) Identify the variables data was collected about.	
g) Identify the calculation that occurred.	
h) Identify the Problem Unit	
i) Identify the Plan Unit	
j) What are the Diversity Limitations?	

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Fruit Loops: Researchers in the University of Iowa wanted to know the impact of eating a diet that consisted only of the brightly coloured cereal Fruit Loops. They obtained 72 lab rats from their university lab and divided them into two groups by flipping a coin. One group had a normal lab rat diet and the other was fed only Fruit Loops. Researchers noticed that the Fruit Loop Rats seemed more nervous and that they had patchy fur as opposed to the regular rats.

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b) How much Replication?	
c) Sampling Technique?	
d) Random Assignment?	
e) What is the Thesis?	
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