

1. What are two of the critical components to a successful experiment?

2. Give a brief explanation of an experiment you would like to conduct.

3. How do correlational studies and experiments differ?

4. Define and give an example of the following:

a. experimental group:

b. control group:

c. random assignment:

d. independent variable:

e. dependent variable:

f. operational definition:

g. placebo:

h. double-blind procedure:

i. variable:

5. Why is the control group so important to an experiment's results?

6. Ultimately, what is the purpose of an experiment?