

Name _____

Hour _____

Date _____

RESEARCH EXPERIMENTS

1. A researcher is studying the effect of sleep on aggression for a group of high school basketball players, thinking that less sleep will lead to more aggression. She has some people sleep 7 hours per night, some people sleep 4 hours per night, and some people sleep as much as they want. She then monitors aggressive behavior during basketball games among participants.

Dependent variable = _____

Independent variable = _____

Control group/condition = _____

Experimental group/condition = _____

2. A researcher is curious to find out what effect classical music has on people's level of relaxation (as measured by heart rate). He suspects that listening to classical music will make people feel more calm and relaxed. He allows one group to listen to classical music for one hour. He allows another group to sit in a quiet room for one hour (i.e. they hear no music). After one hour, he monitors the heart rate of each participant to measure their level of relaxation.

Dependent variable = _____

Independent variable = _____

Control group/condition = _____

Experimental group/condition = _____

3. A group of college students were given a short course in speed-reading. The instructor was curious if a monetary (money) incentive would influence performance on a reading test taken at the end of the course. Half the students were offered \$ 5 for obtaining a certain level of performance on the test, the other half were not offered money.

Dependent variable = _____

Independent variable = _____

Control group/condition = _____

Experimental group/condition = _____

4. A social psychologist thinks that people are more likely to conform to a large crowd than to a single person. To test this hypothesis, the social psychologist had either one person or five persons stand on a busy walking path on campus and look up at the sky. The psychologist stood nearby and counted the number of people passing by who also looked up at the sky.

Dependent variable = _____

Independent variable = _____

Control group/condition = _____

Experimental group/condition = _____