

**In-Video Quiz Questions for
Unit 1: Part 1 – (2) Observations studies and experiments**

(02:23)

1. What type of a study is this?
 - (a) experiment
 - (b) observational study

(04:40)

2. What is the main difference between observational studies and experiments?
 - (a) Experiments take place in a lab while observational studies do not need to.
 - (b) In an observational study we only look at what happened in the past.
 - (c) Most experiments use random assignment while observational studies do not.
 - (d) Observational studies are completely useless since no causal inference can be made based on their findings.

Answers:

1. b

Explanation: Since the study doesn't make use of random assignment, it's an observational study.

2. c

Explanation: Random assignment is the most important difference between observational studies and experiments.