

Solutions

Each answer shows the steps, then the **result**.

2.1

- an observational study only observes; an experiment imposes treatments

2.2

- the population is the whole group of interest; the sample is the part actually studied

2.3

- a well-designed experiment

3.1 B

3.2 B

3.3

(a)

- an experiment

(b)

- the population

(c)

- yes (with random assignment)