

Solutions

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

2.1

- the natural variation in a statistic from one random sample to another

2.2

- a statistic describes a sample and varies; a parameter describes the population and is fixed

2.3

- each sample contains different individuals (sampling variability)

3.1 B

3.2 B

3.3

(a)

- sampling variability

(b)

- a statistic

(c)

- a parameter