

Solutions

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

2.1

- because σ is unknown and estimated by s , adding uncertainty

2.2

- the sample standard deviation s

2.3

- it approaches the normal distribution

3.1 B

3.2 B

3.3

(a)

- the t-distribution

(b)

- the sample standard deviation s

(c)

- $n - 1 = 19$