

Solutions

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

2.1

- $z = \frac{x - \mu}{\sigma}$

2.2

- $z = \frac{76 - 60}{8} = 2$

2.3

- the value equals the mean

3.1 B

3.2 A

3.3

(a)

- $z = \frac{650 - 500}{100} = 1.5$

(b)

- above average