

Solutions

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

2.1

- $\mu_X + \mu_Y$

2.2

- $5 + 3 = 8$

2.3

- $\sigma_Y = |2|\sigma_X = 2 \times 4 = 8$

3.1 B

3.2 B

3.3

(a)

- $\mu_Y = 3 \times 10 = 30$

(b)

- $\sigma_Y = |3| \times 2 = 6$