

Solutions

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

2.1

- $E = \frac{(\text{row total})(\text{column total})}{\text{grand total}}$

2.2

- $E = \frac{60 \times 80}{240} = 20$

2.3

- that there is no association between the two variables

3.1 A

3.2 B

3.3

(a)

- $E = \frac{50 \times 100}{250} = 20$

(b)

- no association between the variables