

KEY

1. Solutions

- a. Chi-squared value = 27.12
- b. Critical Value = 7.82
- c. Yes

2. Solutions

- a. Chi-squared value = 8
- b. Critical Value = 3.84
- c. Yes

3. Solutions

- a. Chi-squared value = 2.9
- b. Critical Value = 5.99
- c. no

4. Solutions

- a. Chi-squared value = 8.2
- b. Critical Value = 9.49
- c. NO

5. Solutions

- a. Chi-squared value = 2.34
- b. Critical value = 7.82
- c. no