

KEY

1. Solutions
 - a. Chi-squared value = 12.8
 - b. Critical Value = 3.84
 - c. Yes
2. Solutions
 - a. Chi-squared value= 78.8
 - b. Critical Value= 11.07
 - c. Yes
3. Solutions
 - a. Chi-squared value= 8.42
 - b. Critical Value= 5.99
 - c. Yes
4. Solutions
 - a. Chi-squared value = 1.20
 - b. Critical Value= 3.84
 - c. NO
5. Solutions
 - a. Chi-squared value= 18.59
 - b. Critical value= 7.82
 - c. Yes