

Chapter 11: Statistical Measures

Lesson 5: Appropriate Measures

Which measure of center best represents the data.

1. 34, 39, 35, 40, 31, 35, 38, 35.

Measures of centre = Mean Median Mode

2. 16, 67, 61, 59, 53, 68, 66, 98, 51, 60, 57.

Measures of centre = Mean Median Mode

3. 82, 78, 85, 73, 70, 88, 81, 72.

Measures of centre = Mean Median Mode

4. Find the outliers.

16, 67, 61, 59, 53, 68, 66, 98, 51, 60, 57.

Median =

Q1 =

Q3 =

$$\text{I.Q.R} = Q3 - Q1 =$$

$$\text{I.Q.R} \times 1.5 =$$

$$Q1 - (\text{I.Q.R} \times 1.5) =$$

$$Q3 + (\text{I.Q.R} \times 1.5) =$$

$$\text{Outliers} =$$