

## Lesson 2 Assignment IQR, Standard Deviation, and Variability

Period \_\_\_\_\_

**Find the IQR and Standard Deviation. Describe the variability. Show all work.**

1) 100, 59, 60, 93, 72, 60, 91, 88, 85

2) 30, 32, 37, 22, 21, 29, 39, 26, 40, 20

3) 1, 7, 18, 19, 22, 12, 7, 9, 25

4) 64, 71, 55, 50, 55, 64, 59, 74

5) 8.2, 9.4, 11.6, 9.4, 7.6, 10.1, 9.5, 11.3, 8.1

6) 37, 42, 59, 61, 70, 83, 91, 105, 46, 52, 75

## Answers to Lesson 2 Assignment IQR, Standard Deviation, and Variability (ID: 1)

- 1) IQR = 32, Std dev = 15.16, high variability
- 3) IQR = 13.5, Std dev = 7.59, low variability
- 5) IQR = 3.1, Std Dev = 1.3, low variability

- 2) IQR = 15, Std Dev = 7.03, low variability
- 4) IQR = 12.5, Std Dev = 7.76, low variability
- 6) IQR = 37, Std Dev = 20.49, high variability