Lesson 2.4 Practice: Standard Deviation

School Launch · Statistics · Unit 2: Describing Data with Numbers · Worksheet A

Calculator / tables

Name _____ Date _____ Score _____ / 10

Show your work under each problem, one step per line, and check your answer. Word problems: name the unknown, write the equation, solve, and answer in a sentence with units.

1. Find the sample standard deviation of 4, 20, 20, 12 (nearest hundredth). EASY

2. Find the sample standard deviation of 19, 17, 12, 6 (nearest hundredth). EASY

3. Find the sample standard deviation of 5, 13, 10, 2 (nearest hundredth). EASY

4. Find the sample standard deviation of 10, 1, 7, 15, 11 (nearest hundredth). MEDIUM

5. Find the sample standard deviation of 8, 20, 19, 13, 17 (nearest hundredth). MEDIUM

6. Find the sample standard deviation of 8, 16, 16, 19, 10 (nearest hundredth). MEDIUM

7. Find the sample standard deviation of 8, 15, 1, 8, 4 (nearest hundredth). MEDIUM

8. Find the sample standard deviation of 10, 14, 4, 16, 13, 12, 19 (nearest hundredth). HARD

9. Find the sample standard deviation of 4, 5, 12, 14, 14, 18, 8 (nearest hundredth). HARD

10. Find the sample standard deviation of 12, 2, 11, 8, 11, 17, 12 (nearest hundredth). HARD