Lesson 1.5 Practice: Describing a Distribution

School Launch · Statistics · Unit 1: Exploring Data: Variables and Graphs · 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. A distribution has mean 56 and median 48. What is its likely shape, and which measure of center is better to report? EASY

2. A distribution has mean 41 and median 33. What is its likely shape, and which measure of center is better to report? EASY

3. A distribution has mean 52 and median 52. What is its likely shape, and which measure of center is better to report? EASY

4. A distribution has mean 48 and median 48. What is its likely shape, and which measure of center is better to report? MEDIUM

5. A distribution has mean 62 and median 54. What is its likely shape, and which measure of center is better to report? MEDIUM

6. A distribution has mean 60 and median 68. What is its likely shape, and which measure of center is better to report? MEDIUM

7. A distribution has mean 49 and median 41. What is its likely shape, and which measure of center is better to report? MEDIUM

8. A distribution has mean 42 and median 42. What is its likely shape, and which measure of center is better to report? HARD

9. A distribution has mean 61 and median 61. What is its likely shape, and which measure of center is better to report? HARD

10. A distribution has mean 38 and median 38. What is its likely shape, and which measure of center is better to report? HARD