Lesson 1.1 Practice: What Is Statistics?

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 survey: Red 40, Blue 39, Green 15, Other 29. What percent chose Other (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? EASY

2. Find the mean (nearest tenth) and median of: 17, 15, 13, 2, 15. EASY

3. A survey: Red 10, Blue 35, Green 38, Other 10. What percent chose Other (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? EASY

4. Find the mean (nearest tenth) and median of: 14, 16, 4, 28, 19, 26, 19, 26. MEDIUM

5. A survey: Red 35, Blue 16, Green 28, Other 11. What percent chose Blue (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? MEDIUM

6. Find the mean (nearest tenth) and median of: 10, 9, 16, 1, 4, 16, 4, 13. MEDIUM

7. A survey: Red 11, Blue 29, Green 9, Other 11. What percent chose Red (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? MEDIUM

8. Find the mean (nearest tenth) and median of: 72, 64, 94, 93, 58, 84, 96, 92, 86, 92, 72. HARD

9. A survey: Red 28, Blue 13, Green 31, Other 20. What percent chose Other (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? HARD

10. Find the mean (nearest tenth) and median of: 97, 78, 60, 40, 70, 47, 56, 50, 86, 80, 67. HARD