Lesson 1.2 Practice: Displaying Categorical Data

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 36, Blue 27, Green 5, Other 25. What percent chose Other (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? EASY

2. A survey: Red 35, Blue 17, Green 13, Other 39. What percent chose Blue (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? EASY

3. A survey: Red 9, Blue 21, Green 7, Other 39. What percent chose Red (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? EASY

4. A survey: Red 10, Blue 19, Green 9, Other 8. What percent chose Blue (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? MEDIUM

5. A survey: Red 36, Blue 26, Green 24, Other 39. What percent chose Blue (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? MEDIUM

6. A survey: Red 37, Blue 33, Green 20, Other 26. What percent chose Blue (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? MEDIUM

7. A survey: Red 39, Blue 38, Green 32, Other 5. What percent chose Other (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? MEDIUM

8. A survey: Red 6, Blue 20, Green 7, Other 30. What percent chose Red (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? HARD

9. A survey: Red 9, Blue 24, Green 11, Other 40. What percent chose Green (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? HARD

10. A survey: Red 19, Blue 36, Green 23, Other 39. What percent chose Red (nearest tenth), and what angle would its pie-chart slice have (nearest degree)? HARD