Lesson 1.3 Practice: Two-Way Tables

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. Two-way table — Boys: reading 18, sports 22; Girls: reading 56, sports 42. What fraction (and percent, nearest tenth) are boys who prefer reading? EASY

2. Two-way table — Boys: reading 32, sports 32; Girls: reading 11, sports 13. What fraction (and percent, nearest tenth) are boys who prefer reading? EASY

3. Two-way table — Boys: reading 55, sports 18; Girls: reading 42, sports 12. What fraction (and percent, nearest tenth) are boys who prefer reading? EASY

4. Two-way table — Boys: reading 15, sports 53; Girls: reading 40, sports 48. What fraction (and percent, nearest tenth) are boys? MEDIUM

5. Two-way table — Boys: reading 14, sports 14; Girls: reading 39, sports 56. What fraction (and percent, nearest tenth) are boys? MEDIUM

6. Two-way table — Boys: reading 33, sports 34; Girls: reading 43, sports 12. What fraction (and percent, nearest tenth) are boys? MEDIUM

7. Two-way table — Boys: reading 35, sports 22; Girls: reading 29, sports 12. What fraction (and percent, nearest tenth) are boys who prefer reading? MEDIUM

8. Two-way table — Boys: reading 25, sports 10; Girls: reading 59, sports 57. What fraction (and percent, nearest tenth) are boys who prefer reading? HARD

9. Two-way table — Boys: reading 46, sports 19; Girls: reading 28, sports 16. What fraction (and percent, nearest tenth) of those who prefer reading are boys? HARD

10. Two-way table — Boys: reading 43, sports 40; Girls: reading 44, sports 51. What fraction (and percent, nearest tenth) are boys who prefer reading? HARD