

Lesson 3 Problem-Solving Practice

Two-Way Tables

Solve.

1. Ricardo surveyed 110 eighth grade students to find out if they have a part-time job. There are 60 students who have a part-time job, including 48 honor roll students. Half of the students who do not have a job are on the Honor Roll. Construct a two-way table summarizing the data.

	On Honor Roll	Not on Honor Roll	Total
Job			
No Job			
Total			

Customers entering a store were asked what electronic technology they own. The results of the survey are shown at the right. For Exercises 2 and 3, round relative frequencies to the nearest hundredth if necessary.

	E-reader	No E-reader	Total
Laptop	20	8	28
No Laptop	45	22	67
Total	65	30	95

2. Find and interpret the relative frequencies by row.

3. Find and interpret the relative frequencies by column.