Lesson 3 Problem-Solving Practice

Two-Way Tables

Solve.

 Ricardo surveyed 110 eighth grade students to find out if they have a parttime 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 | 48 | 12 | 60 |
| No Job | 25 | 25 | 50 |
| Total | 73 | 37 | 110 |

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 |