

Name: Key

Unit 10 Day 14

Homework



Use the two-way frequency table to answer the related questions about a group of sophomore students.

	Boys	Girls	Total
Own a car	12	17	29
Do not own a car	16	11	27
Total	28	28	56

- a) How many total boys were surveyed? 28
- b) How many total girls were surveyed? 28
- c) How many total sophomores own a car? 29
- d) How many total sophomores do NOT own a car? 27
- e) Fill in the "TOTAL" sections in the frequency table. (see above)
- f) What percentage of all the sophomores own a car? $29/56 = 51.8\%$
- g) What percentage of boys own a car? $12/28 = 42.9\%$
- h) What percentage of girls do NOT own a car? $11/28 = 39.3\%$

The following data represents the amount of money spent by shoppers on a Tuesday at the mall.

12 35 52 23 45 102 88 56 45 93

Is this data quantitative or qualitative?

What data display would you choose to represent this data best? (answers vary)

Create the data display below: