

11.5 Practice A

In Exercises 1–4, tell whether the data are *qualitative* or *quantitative*. Explain your reasoning.

1. basic costs of monthly Internet access
2. breeds of dogs at a kennel
3. apartment numbers in an apartment building
4. heights of students in a 1st grade class

In Exercises 5 and 6, choose an appropriate data display for the situation. Explain your reasoning.

5. the number of cars in the parking lot over a 30-day period
6. the distribution of students according to class

In Exercises 7 and 8, analyze the data and then create a display that best represents the data. Explain your reasoning.

7.

January	2	July	84
February	6	August	87
March	25	September	62
April	56	October	57
May	65	November	34
June	76	December	12

8.

Tomato	20	Green Pepper	10
Onion	25	Zucchini	6
Corn	20	Squash	7
Carrots	30	Cucumbers	10

11.5 Practice B

In Exercises 1–4, tell whether the data are *qualitative* or *quantitative*.

Explain your reasoning.

1. numbers of cans of vegetables at a food pantry
2. names of players on your school soccer team
3. balances in the savings accounts at a bank
4. numbers on the back of the jerseys of your school football team

In Exercises 5 and 6, choose an appropriate data display for the situation.

Explain your reasoning.

5. bowling scores for all of the students on the team
6. the price of a gallon of gas on January 1st over a 10-year period

In Exercises 7 and 8, describe how the graph is misleading. Then explain how someone might misinterpret the graph.

