



PRACTICE



TUTORIAL

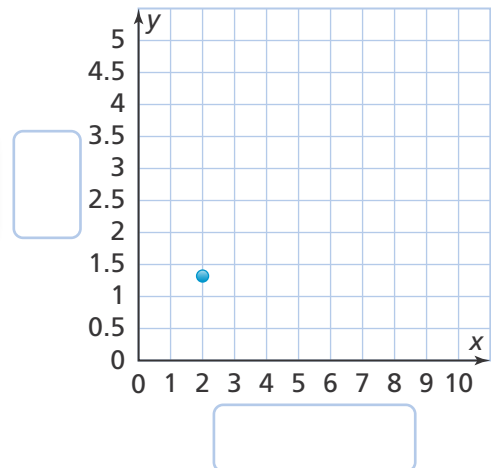
Name: _____

4-1 Additional Practice

- 1. Leveled Practice** The table shows the year and the average price for one gallon of gasoline at a certain gas station. Complete the scatter plot.

Gasoline Prices

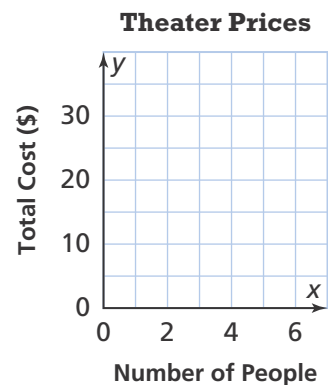
Year	2002	2003	2004	2005	2006	2007	2008	2009
Price (\$)	1.32	1.53	1.81	2.28	2.58	2.82	3.24	2.32

Scan for
Multimedia**Gasoline Prices**

- 2.** The table shows the number of people and the total cost of their movie tickets at various movie theaters.

Theater Prices

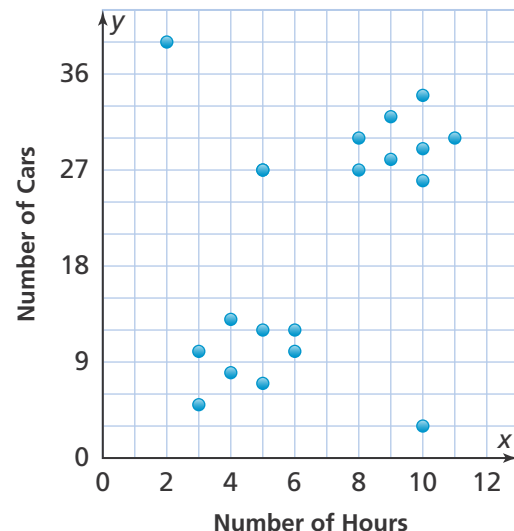
Number of People	Total Cost (\$)
2	15.00
3	13.50
3	22.50
4	18.00
5	37.50



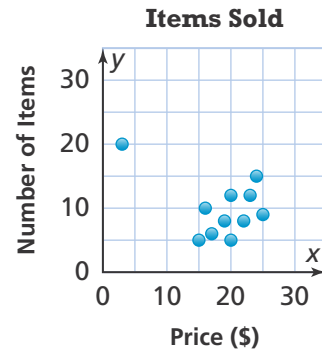
- a.** Complete the scatter plot to represent the data.
- b.** Identify any outliers in the scatter plot. What situation might have caused an outlier?

- 3. Model with Math** The scatter plot represents the numbers of hours since the city parking lots opened and the number of cars in the parking lots. ©MP.4

- a.** Identify any outliers in the scatter plot.
- b.** Identify any clusters in the scatter plot.
- c.** Identify any gaps in the scatter plot. What situation might have caused the gap?

Cars in Parking Lots

4. Higher Order Thinking The scatter plot represents the price and the number of items sold. Your friend incorrectly says that the cluster in the graph is between the prices of \$3 and \$25 and between 5 and 20 items sold.



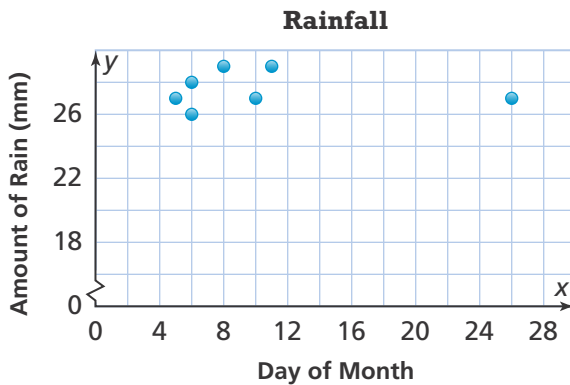
- What error did your friend likely make?
- Explain the relationship between the number of items sold and the price.
- Identify the cluster. Explain what it tells you about the data.

© Assessment Practice

Use the scatter plot to answer 5 and 6.

5. The scatter plot shows the day of a month and the amount of rain in a city. Select all statements that apply.

- There is an outlier at Day 26.
- There is a cluster of days when it rained between Days 6 and 15.
- There is a gap of no rain falling between Days 10 and 26.
- There were three days of the month when it rained exactly 27 millimeters.
- The greatest difference in the recorded amounts of rain in the city during the month was 3 millimeters.



6. Identify the gap in the scatter plot. What situation might have caused this gap?

