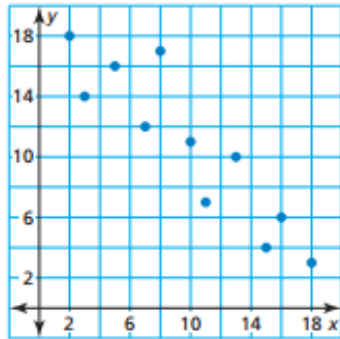


UNIT 4 DAY 23 HOMEWORK

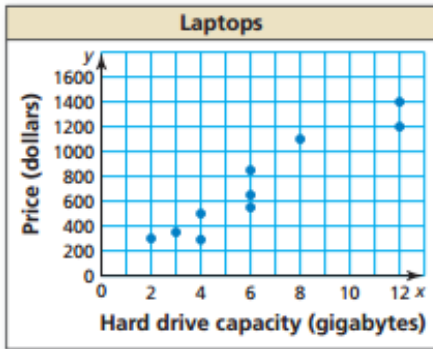
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In Exercises 3–6, use the scatter plot to fill in the missing coordinate of the ordered pair.

- 3. (16, **6**)
- 4. (3, **14**)
- 5. (**7**, 12)
- 6. (**8**, 17)

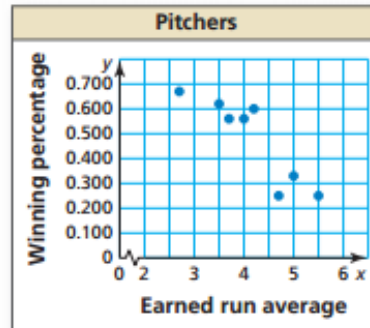


7. **INTERPRETING A SCATTER PLOT** The scatter plot shows the hard drive capacities (in gigabytes) and the prices (in dollars) of 10 laptops. (See Example 1.)



- a. What is the price of the laptop with a hard drive capacity of 8 gigabytes? **\$1,100**
- b. What is the hard drive capacity of the \$1200 laptop? **12GB**
- c. What tends to happen to the price as the hard drive capacity increases? **The price goes up as the capacity increases!**

8. **INTERPRETING A SCATTER PLOT** The scatter plot shows the earned run averages and the winning percentages of eight pitchers on a baseball team.



- a. What is the winning percentage of the pitcher with an earned run average of 4.2? **0.600**
- b. What is the earned run average of the pitcher with a winning percentage of 0.33? **5 earned runs**
- c. What tends to happen to the winning percentage as the earned run average increases? **winning % decreases**

In Exercises 9–12, tell whether x and y show a positive, a negative, or no correlation. (See Example 2.)

- 9. **positive $x \uparrow, y \uparrow$**
- 10. **NO correlation**
- 11. **NO correlation**
- 12. **Negative correlation**
 $x \uparrow, y \downarrow$