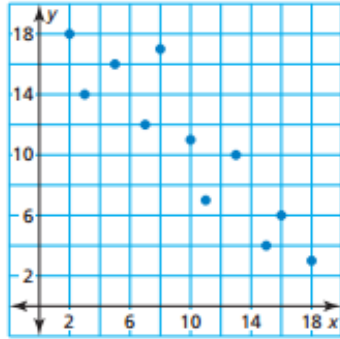


# UNIT 4 DAY 23 HOMEWORK

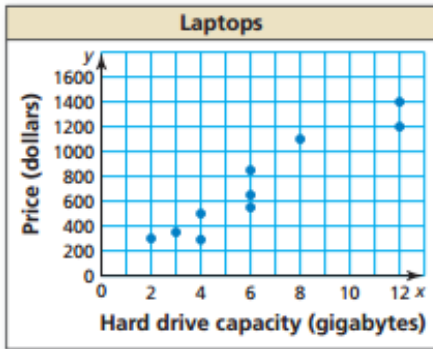
## PAGE 199 #3-12

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

3. (16,   )
4. (3,   )
5. (  , 12)
6. (  , 17)

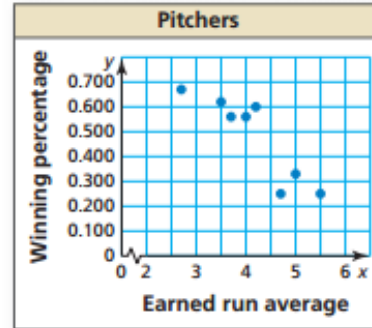


7. **INTERPRETING A SCATTER PLOT** The scatter plot shows the hard drive capacities (in gigabytes) and the prices (in dollars) of 10 laptops. (See Example 1.)



- a. What is the price of the laptop with a hard drive capacity of 8 gigabytes?
- b. What is the hard drive capacity of the \$1200 laptop?
- c. What tends to happen to the price as the hard drive 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?
- b. What is the earned run average of the pitcher with a winning percentage of 0.33?
- c. What tends to happen to the winning percentage as the earned run average increases?

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

