**2-5 Skills Practice**

***Scatter Plots and Lines of Regression***

**For Exercises 1–3, complete parts a–c.**

**a. Make a scatter plot and a line of fit, and describe the correlation.**

**b. Use two ordered pairs to write a prediction equation.**

**c. Use your prediction equation to predict the missing value.**

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| **1.** | |  |  | | --- | --- | | ***A2_CH02_032_1.jpgx*** | ***y*** | | 1 | 1 | | 3 | 5 | | 4 | 7 | | 6 | 11 | | 7 | 12 | | 8 | 15 | | 10 | ? |   A2_CH02_032_2.jpg |
| **2.** | |  |  | | --- | --- | | ***x*** | ***y*** | | 5 | 9 | | 10 | 17 | | 20 | 22 | | 25 | 30 | | 35 | 38 | | 40 | 44 | | 50 | ? | |
| **3.** | |  |  | | --- | --- | | ***x*** | ***y*** | | 1 | 16 | | 2 | 16 | | 3 | ? | | 4 | 22 | | 5 | 30 | | 7 | 34 | | 8 | 36 | |

