

Lesson 7 Problem-Solving Practice

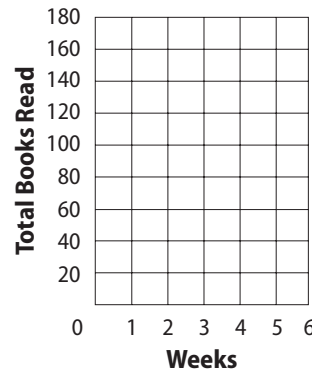
Words, Equations, Tables, and Graphs

1. Paul is keeping track of the high and low temperatures each day of the week. On Tuesday, the high temperature was 14° less than twice the low temperature. Make a function table to find the high temperature if the low temperature is 17°F , 20°F , 25°F , and 30°F . Then state the domain and range of the relation.

<i>l</i>		<i>h</i>

2. The table at the right shows the total number of books read by Mrs. Benitez's class over a 5-week period. Graph the ordered pairs on a coordinate plane.

Weeks	Total Books Read
1	38
2	74
3	105
4	133
5	156



3. The cost to go to a movie is \$8 per person. Write an equation that can be used to find the cost of going to the movies, *c*, for any number of people, *p*.

4. A bag of rice at the warehouse store weighs 15 pounds. Maya needs to buy rice for her restaurant. Write an equation that can be used to find the pounds of rice, *p*, in any number of bags of rice, *r*.

5. Refer to the information in Exercise 4. Make a table to find the number of pounds in 2, 5, 8, and 12 bags of rice.

<i>r</i>		<i>p</i>

6. Refer to the information in Exercise 4 and the table in Exercise 5. Graph the ordered pairs for the relation.

