Lesson 14 Interpret Data from Tables

Here's How

The title tells you what the numbers in the table mean.

Use the table to answer this question.

Mileage Chart (in miles)

<table>
<thead>
<tr>
<th></th>
<th>Denver</th>
<th>Kansas City</th>
<th>St. Louis</th>
<th>Columbus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver</td>
<td></td>
<td>594</td>
<td></td>
<td>844</td>
</tr>
<tr>
<td>Kansas City</td>
<td>594</td>
<td></td>
<td>250</td>
<td>673</td>
</tr>
<tr>
<td>St. Louis</td>
<td>844</td>
<td>250</td>
<td></td>
<td>423</td>
</tr>
<tr>
<td>Columbus</td>
<td>1267</td>
<td>673</td>
<td>423</td>
<td></td>
</tr>
</tbody>
</table>

How far is it between Kansas City and Columbus?

First, put your finger on Kansas City (either along the top or the side).
Then, move your finger either down or across to the box under Columbus.
Read the number that is shown in the box.
Notice that both ways gives you the same mileage.

Answer the question.

It is 673 miles from Kansas City to Columbus.

Try This

Use the table above to answer the question.

Sometimes you must use a table to answer the question in a word problem.

1. How much farther is it from Denver to St. Louis than from Denver to Kansas City?

   Denver to St. Louis _________ miles
   Denver to Kansas City _________ miles

   Subtract to find the answer.

   _________ miles

Answer the question.

It is _________ miles farther from Denver to St. Louis.

Answers: 1. 844 miles, 594 miles, 250 miles
Use the table to answer the questions.

1. How far is it from St. Louis to Columbus? __________

2. How far is it from Denver to Columbus? __________

3. Which two cities are the farthest apart? __________

4. Which two cities are the closest together? __________

5. How many pairs of cities are more than 1000 miles apart? __________

6. How many pairs of cities are less than 500 miles apart? __________

7. If you were taking a trip from Columbus to St. Louis and back to Columbus, how many miles would your trip be? __________

8. The Joneses are planning a trip starting from their home in Denver to Kansas City then on to St. Louis. From St. Louis they will drive straight back to Denver. How many miles will their trip be? __________

9. The Joneses decided that they didn’t have enough time for that long of a trip. How long would their trip be if they drove to Kansas City and back? __________

10. Hosea drove from Columbus to St. Louis to watch a baseball game then drove on to Denver to visit his grandmother. On his trip back he stopped in Kansas City to go to another baseball game and then drove home to Columbus. How far did he drive in all? __________