

Problem Solving: Make a Table

TAKS Objective 1
TEKS 5.1A, 5.5A,
5.14A, 5.14C

Make a table to help solve each problem.

1. Colorado has some of the tallest mountains in the United States. Mount Harvard has a height of 14,416 feet. Blanco Peak is 14,340 feet tall, and Mount Elbert is 14,429 feet. What is the order of the mountains from greatest to least height?

3. Sydney, Melbourne, Canberra, and Adelaide are cities in Australia. In 2001, the population of Sydney was 3,502,301. The population of Melbourne was 3,160,171. The population of Canberra was 339,727, and the population of Adelaide was 1,002,127. What is the order of the cities from least to greatest population?

5. The Great Lakes in order from greatest to least area are: Lake Superior, Lake Huron, Lake Michigan, Lake Erie, and Lake Ontario. The areas of the lakes are 23,011 square miles, 7,320 square miles, 22,316 square miles, 9,222 square miles, and 31,698 square miles. Match each lake with its area.

2. The Golden Gate bridge in California is 4,198 feet long. The Mackinac bridge in Michigan is 3,798 feet long, and the Verrazano-Narrows bridge in New York is 4,257 feet long. What is the order of the bridges from least to greatest length?

4. The population of Brisbane, Australia in 2001 was 1,508,161. If added to the list of Australian cities in Problem 3, in between which two cities would Brisbane be when listed in order from least to greatest population?

6. The inner planets of our solar system in order from least to greatest distance from the sun are: Mercury, Venus, Earth, and Mars. The distances of the inner planets from the sun are 67,232,360 miles, 141,635,300 miles, 92,957,100 miles, and 35,983,610 miles. Match each planet with its distance from the sun.
