1-1 Lesson Master

Questions on SPUR Objectives

VOCABULARY

In 1 and 2, a situation is given.  a. What is the population?  b. Are the
data based on a sample?  c. Is the variable categorical or numerical?

1. The U.S. Census Bureau reports the number of households at various
   levels of income.
   a. ____________________  b. ____________________  c. ____________________

2. The paint on every 15th car produced at a plant is rated as excellent,
   acceptable, or unsatisfactory.
   a. ____________________  b. ____________________  c. ____________________

SKILLS  Objective F

In 3–9, the following table reports the number of academic postsecondary
degrees conferred, and the percentage distribution of degrees conferred by
field of study in various countries in 2004.

<table>
<thead>
<tr>
<th>Country</th>
<th>Total Number of Degrees Conferred</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Education</td>
</tr>
<tr>
<td>Denmark</td>
<td>39,236</td>
<td>9.7</td>
</tr>
<tr>
<td>Hungary</td>
<td>72,652</td>
<td>23.9</td>
</tr>
<tr>
<td>Japan</td>
<td>646,983</td>
<td>5.6</td>
</tr>
<tr>
<td>Korea</td>
<td>303,559</td>
<td>5.3</td>
</tr>
<tr>
<td>United States</td>
<td>2,089,901</td>
<td>13.2</td>
</tr>
</tbody>
</table>

Source: U.S. Department of Education

3. Identify the variables in the table. State whether the variable is
   numerical or categorical.

4. Is the data contained in the table trustworthy? ____________________

5. Which country conferred the largest percent of its degrees in Health? ____________________

6. What is the meaning of the value 38.5 in the table? ____________________

7. Did Demark or Hungary confer more degrees in Math and Science? ____________________

8. In which field was the least number of degrees conferred all together? ____________________

9. Among these five countries, what percent of all degrees in Education
   were conferred by the United States? ____________________

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