Recycling Market Trend Prices

Homework:

1. Reading a bar graph
   a) What is the graph about? ________________________________

   b) Does the title of the graph describe what the graph is about? ______ Propose a different title for the graph. ________________________________

   c) What is the title of the horizontal axis (x-axis)? ________________________________

   d) How many different recyclables are there? ______

   e) What is the title of the vertical axis (y-axis)? ________________________________

   f) What are the units of measure? ______

   g) Which recyclable had the greatest increase in market value? ________________________________

      How much was that? ______

   h) Which recyclable had the least increase in market value? ________________________________

      How much was that? ______

   i) Which recyclable had a 1.1% increase in value? ________________________________

   j) Which recyclable had a 1.6% increase in value? ________________________________

   k) Which recyclables increased in value more than steel cans? Name 3. ________________________________

   l) If the cost of living increased by 2.5%, which recyclable had the only true growth?
2. Examine the graph above and answer the following questions.

![Bar Graph]

**People's favourite Technology in an Office Building**

<table>
<thead>
<tr>
<th>Type of Technology</th>
<th>Number of Users (people)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Webcam</td>
<td>20</td>
</tr>
<tr>
<td>Television</td>
<td>40</td>
</tr>
<tr>
<td>Cell Phone</td>
<td>60</td>
</tr>
<tr>
<td>Twitter</td>
<td>10</td>
</tr>
<tr>
<td>iPod</td>
<td>30</td>
</tr>
<tr>
<td>Computer</td>
<td>40</td>
</tr>
</tbody>
</table>

a) What is the favourite device of people in the office building? **Computer**
b) What is the least favourite? **Twitter**
c) Estimate the number of people in each category: Webcam - _____ Television - _____
   Cell Phone - _____ Twitter - _____ iPod - _____ Computer - _____
d) How many people were there all together? _____
e) Determine a percentage for each one. To do percent, use Portion / Total x 100.
   Webcam - ___________ Television - ___________ Cell Phone - ___________
   Twitter - ___________ iPod - ___________ Computer - ___________

2. You will be given a sheet of graph paper. Use the entire surface to produce a graph of the data given below. Label the vertical axis Population (x 10000), the horizontal axis Cities of the lower mainland. Label all appropriate areas, give the graph an appropriate title. Colour.

   Vancouver 578       Surrey 395
   Burnaby 203         Richmond 174
   Coquitlam 115       Langley 94
   Ridge Meadows 85    New Westminster 58
   Port Coquitlam 53