Soundproofing Pre-Quiz

1. What causes a sound to occur?

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

2. What are three materials that absorb sound?

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

3. What are three materials that reflect sound and cause an echo?

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

4. What mediums can sound travel through?

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

5. If you are soundproofing a room, this means you are doing what?

_____________________________________________________________________________________
_____________________________________________________________________________________
_____________________________________________________________________________________

Amount of Sugar in Certain Foods

<table>
<thead>
<tr>
<th>Percent of Sugar</th>
<th>Ketchup</th>
<th>Peanut Butter</th>
<th>Chocolate Bar</th>
<th>Ice Cream</th>
<th>Chocolate Cake</th>
<th>Soda</th>
<th>Crackers</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.8</td>
<td>9.2</td>
<td>33.2</td>
<td>21.4</td>
<td>30.3</td>
<td>26.9</td>
<td></td>
<td>11.8</td>
</tr>
</tbody>
</table>

a. What is the information that this graph is showing you?
b. What is the difference in percentage in sugar between ice cream and crackers?

c. What has the highest percentage of sugar?

d. What is being measured on the y axis?

e. What goes on the x axis?