Homework 2 - Elements and the periodic table

Name - ______________________________

Use the internet or any other available resource to answer the following questions

Task 1

1. Who first organised the elements into the periodic table?
   ____________________________________________

2. How many elements were in the first periodic table?
   ____________________________________________

3. Why were there no more than this?
   ____________________________________________

4. How many elements have now been discovered?
   ____________________________________________

5. What is the symbol for Hydrogen?
   ____________________________________________

6. Why does gold have the symbol Au?
   ____________________________________________

7. Which element is the lightest element?
   ____________________________________________
**Task 2**

Use your periodic table to fill in the following table. Remember to look at the key to find out what the different numbers mean.

<table>
<thead>
<tr>
<th>Element Name</th>
<th>Symbol</th>
<th>Atomic number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>Helium</td>
<td>He</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Kr</td>
<td>36</td>
</tr>
<tr>
<td>Potassium</td>
<td></td>
<td>19</td>
</tr>
<tr>
<td>Lithium</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chlorine</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Task 3**

You will need to do some research for task 4. You can again use the internet or books to help you.

Find out why Silver has the symbol Ag and Lead has the symbol Pb.

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________________________________________________________________________
________________________________________________________________________
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________________________________________________________________________