

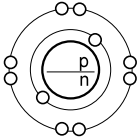
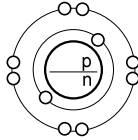
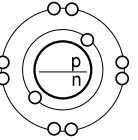
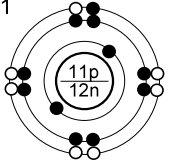
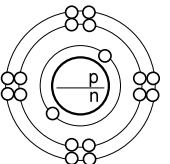


**Question**

While the Bohr-Rutherford model tells us a great deal about the structure of individual atoms, what is the relationship between the Bohr-Rutherford model of the atom, and the structure of the periodic table for the first twenty elements?

	<p><b>Instructions</b></p> <ol style="list-style-type: none"> <li>Label the Group at the top of each column (1, 2, 13, 14, ... 18) and the Period along the left side of each row (1,2,3,4).</li> <li>Print the atomic number (Z), chemical symbol, chemical name and atomic mass (A) - rounded to the nearest whole number - for each element as shown in the example (sodium-23).</li> <li>Print the number of protons (p) and neutrons (n) inside the nucleus.</li> <li>Fill in the electrons from the innermost shell outward as shown in the example (sodium-23).</li> <li>On the back of this sheet express each of the first 20 elements in standard atomic notation.</li> </ol>							
								
<p>11</p>  <p><b>Na</b> Sodium 23</p>		<p>3-12</p>	