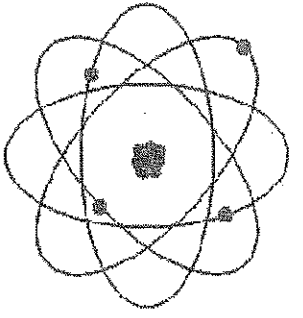
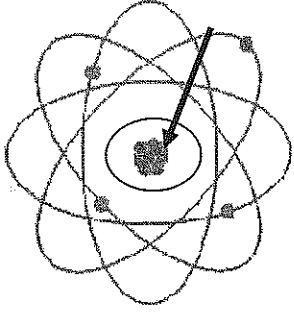
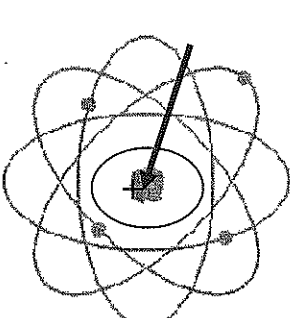
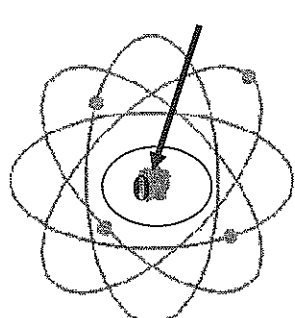
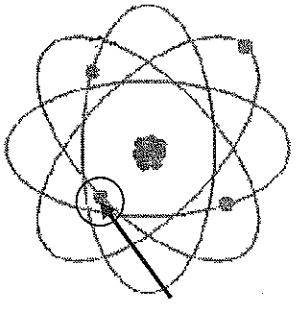
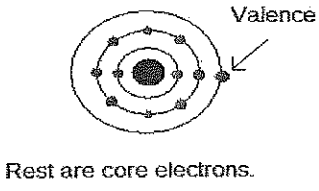
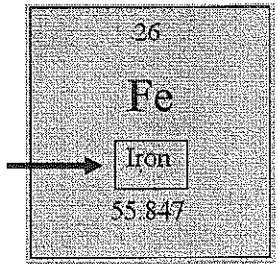
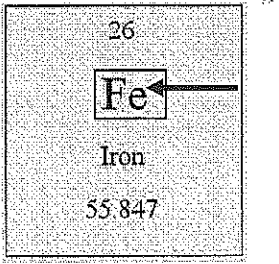
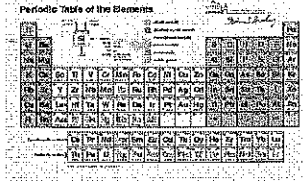
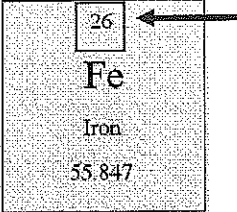
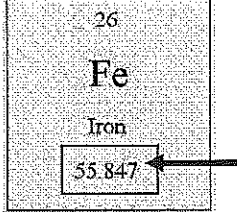
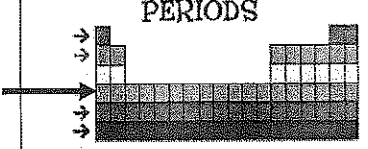
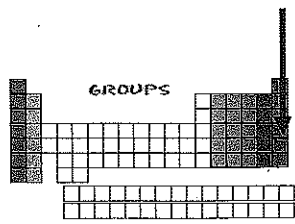
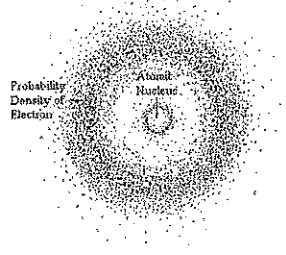
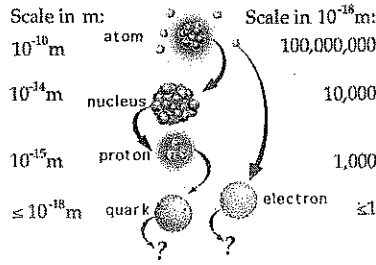
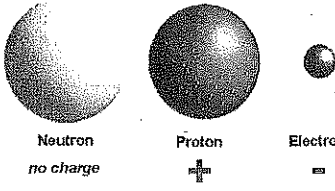
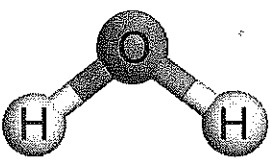


Chemistry Part 1 Vocabulary List

<p>1. atom the smallest particle of matter</p>	<p>2. nucleus the center of the atom containing protons and neutrons</p>
<p>3. proton a positively charged particle in the nucleus of an atom</p>	<p>4. neutron a neutral particle in the nucleus of an atom</p>
<p>5. electron a negatively charged particle outside the nucleus of an atom</p>	<p>6. valence electron the electrons farthest away and most loosely held by the nucleus.</p>
<p>7. element a substance that cannot be broken down into any other substances by chemical or physical means</p>	<p>8. symbol the set of characters that is used to identify an element</p>
<p>9. periodic table an arrangement of the elements in order of atomic number, in which elements with similar properties are grouped in columns</p>	<p>10. atomic number the number of protons in an atom; the top number in each element's box.</p>
<p>11. atomic mass the sum of protons and neutrons in an atom; the bottom number in each box</p>	<p>12. period the rows going across the periodic table</p>
<p>13. group the columns going down the periodic table</p>	<p>14. electron cloud All of the area inside an atom surrounding the nucleus where electrons are found.</p>
<p>15. subatomic particles Particles that are smaller than the atom. These include protons, neutrons, and electrons</p>	<p>16. electrical charge The form of charge that is found on the subatomic particles: Protons (+) , Neutrons (o), and Electrons (-)</p>
<p>17. molecule a combination of two or more atoms that are bonded together</p>	<p>18. compound a substance made of two or more elements chemically combined in a set ratio</p>

Chemistry Part 1 Vocabulary Illustrations

<p>1. atom</p> 	<p>2. nucleus</p> 	<p>3. proton</p> 	<p>4. neutron</p> 
<p>5. electron</p> 	<p>6. valence electron</p> 	<p>7. element</p> 	<p>8. symbol</p> 
<p>9. periodic table</p> 	<p>10. atomic number</p> 	<p>11. atomic mass</p> 	<p>12. period</p> 
<p>13. group</p> 	<p>14. electron cloud</p> 	<p>15. subatomic particles</p> 	<p>16. electrical charges</p> 
<p>17. molecule</p>  <p>SCIENCE PHOTO LIBRARY</p>	<p>18. compound</p> 