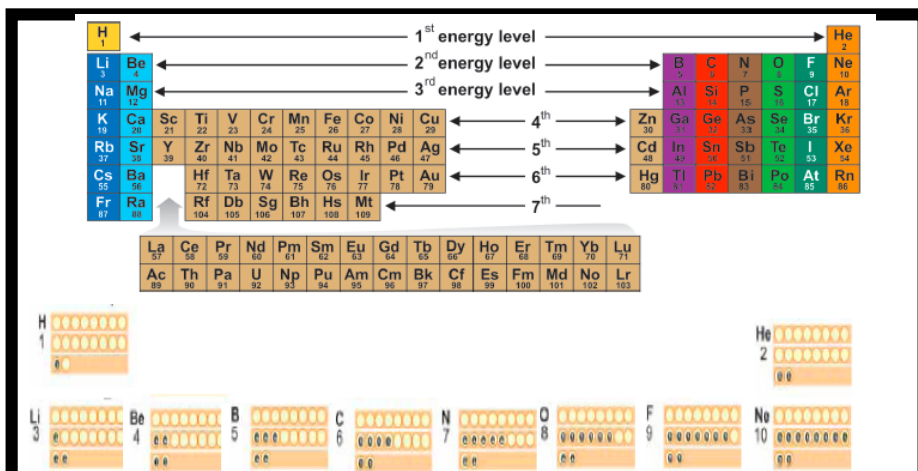


Science Notebook Layout **DON'T COPY UNDERLINED TEXT**

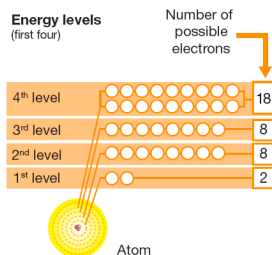
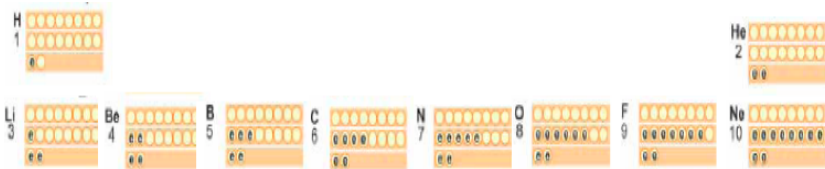
Mrs. Aguirre's Webpage: <http://www.quia.com/profiles/caguirre>



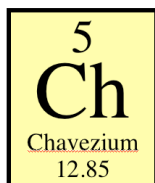
Periodic Table Building

(Lab Manual pages 31-32)

Section	1st element	Section Name	Chemical Properties (use pages 142-145 in text)
A	Li	Alkali metals	
B	Be	Group 2 Metals	
C, D, E	Sc	Transition Metals	
J	F	Halogens	
K	He	Noble Gases	



A new element discovered!



Tell me everything you can about this new element discovered at Cal Berkeley this weekend. Draw picture(s)!!

Key words:

Element, isotopes, protons, electrons, neutrons, atomic structure, family, energy levels, atomic number, atomic mass, etc.

Use your textbook pages 142-145 to help you find the following:

Clue	Examples
A member of the carbon family	
Chemical properties similar to calcium, but not calcium	
A transition metal that has a "C" in the symbol	
A member of the oxygen family	
Chemical properties similar to cesium, but not cesium	
A member of the noble gas family	
A nonmetal in the nitrogen family	
A metal in the boron family	
A gas in the oxygen family	
A solid in the halogen family	
An element that is liquid at room temperature (Page 145)	
A transition metal with less than 25 protons	
A transition metal commonly found in jewelry	
A metalloid in the carbon family	
Chemical properties similar to aluminum, but not aluminum	
A transition metal with 39 - 43 protons	
An element symbol with a first letter that is different from the first letter of the name	
A member of the nitrogen family with a one-letter symbol	
A transition metal from period 5	