
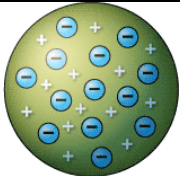
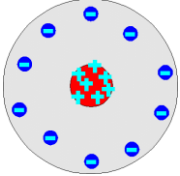
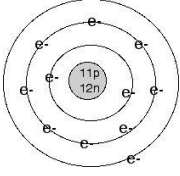


Chapter 7 Atomic Theory – Inside the Invisible

7.1 Development of a Modern Atomic Theory

Key Question: How has the atomic theory changed with new discoveries?

<http://www.youtube.com/watch?v=6mdX3aSmOX8> (Atomic Theory Song...)

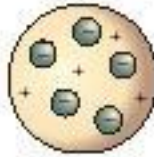
| Atomic Theory | Nickname/ Visual image | Differences from Previous Theory | Similarities to Previous Theory |
|---------------|-------------------------------------------------------------------------------------|-------------------------------------|------------------------------------|
| Dalton |  | | |
| Thomson |  | | |
| Rutherford |  | | |
| Bohr |  | | |

Putting It All Together...

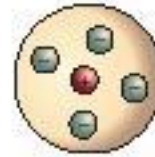
Dalton's atom



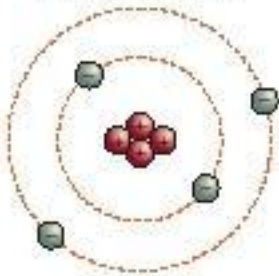
Thomson's plum-pudding atom



Rutherford's atom



Bohr's planetary atom



Current orbital atom

