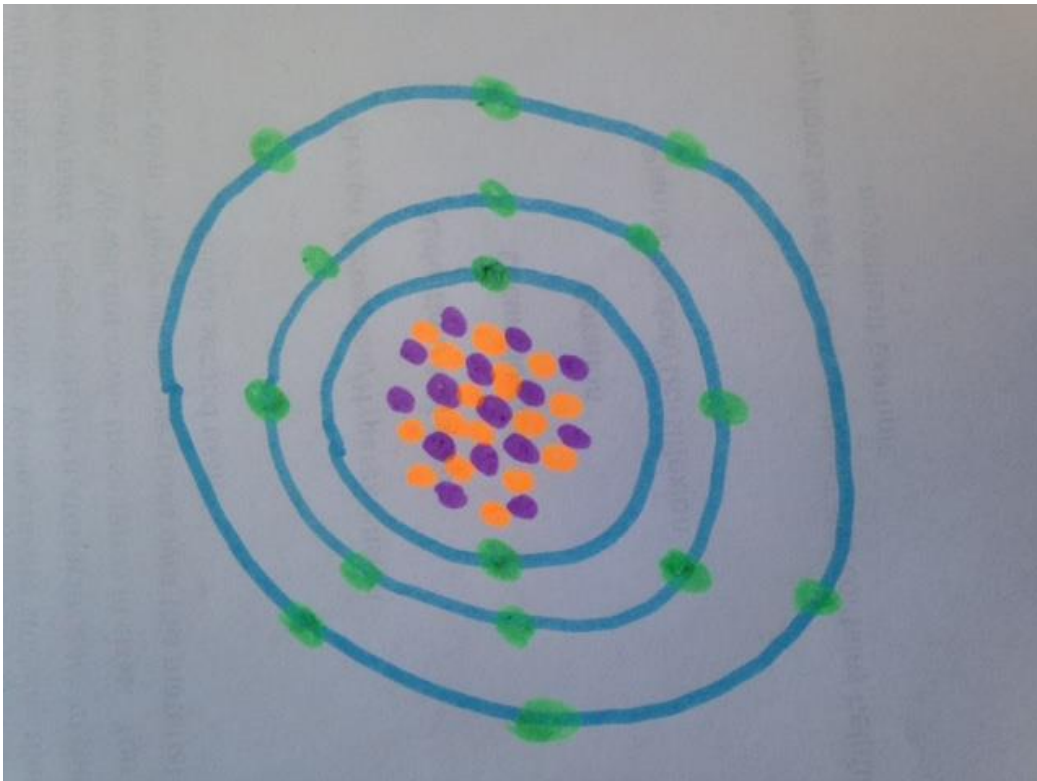


Answer Key

1. Proton: nucleus, positive, 1 AMU
Electron: orbits/energy levels/shells, negative, 0 AMU
Neutron: nucleus, neutral, 1 AMU
2. Calcium: 20 protons, 20 electrons, 20 neutrons
Iron: 26 protons, 26 electrons, 29 neutrons
3. Atom 1: Phosphorus (P)
Atom 2: Chlorine (Cl)
4. The atom was determined by the number of protons or atomic number.
5. Atom 1: 31 (protons + neutrons)
Atom 2: 35
6. Purple = Proton, Orange = Neutron, Green = Electron
Atom 1:



Atom 2:

