**Review Questions**

1. What is the wavelength of radiation with a frequency of 6.20 x 1014 Hz?
2. What is the energy of radiation with a frequency of 7.1 x 1016 Hz?
3. Write the electron configuration for sulfur (S).
4. Write the noble gas notation for lead (Pb).
5. Write the orbital diagram for iron (Fe)
6. Draw the electron dot structure for nitrogen (N).