

Chapter 6 Blue Sheet-

What is the name of this Chapter?

What is electromagnetic radiation(EMR)?

What speed does all EMR travel through a vacuum?

What is Wavelength?

What is Frequency?

What is the electromagnetic spectrum?

Draw the EMS labeling ends with the following- High Energy, wavelength, frequency, and low energy, wavelength, and frequency-

Where is visible light on the spectrum?

Draw and answer sample exercise 6.1-

Read section 6.2 three times. Describe how the picture on page 211 helps understand quanta-

What is a quantum?

Define Plank's constant in English-

What is the photoelectric effect?

Describe a photon-

What is the energy of a photon?

What is an atomic line spectrum or line spectra?

How can this be used to identify elements?

When is light released from an atom?

Summarize the three tenants of Bohr's model?

What is meant by a ground state? Excited state? Make up your own analogy to something besides an electron-

What are the limitations of Bohr's model?