

Name: _____

After Reading pp. 359 - 363, answer the following questions. Please reference the text in your answers.

1. What happens to atoms when they are exposed to energy?
2. What is the difference between λ (lambda) and ν (nu)?
3. Which has a shorter wavelength, radio waves or violet light?
4. Which has a greater energy, radio waves or violet light?
5. What is the relationship between wavelength and energy?
6. What is meant by the ground state of an electron?
7. Summarize the relationship between electromagnetic radiation and an electron.