

# Note Taking Guide 3-1: Tools of Modern Astronomy

1. Characteristics of electromagnetic radiation:

- a.
- b.

2. Types (or forms) of electromagnetic radiation

a. Visible Forms: \_\_\_\_\_

b. Non-visible Forms: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. What is the electromagnetic spectrum?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. What makes one form of electromagnetic radiation different from another?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. What is meant by:

a. Wavelength: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

b. Frequency: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_