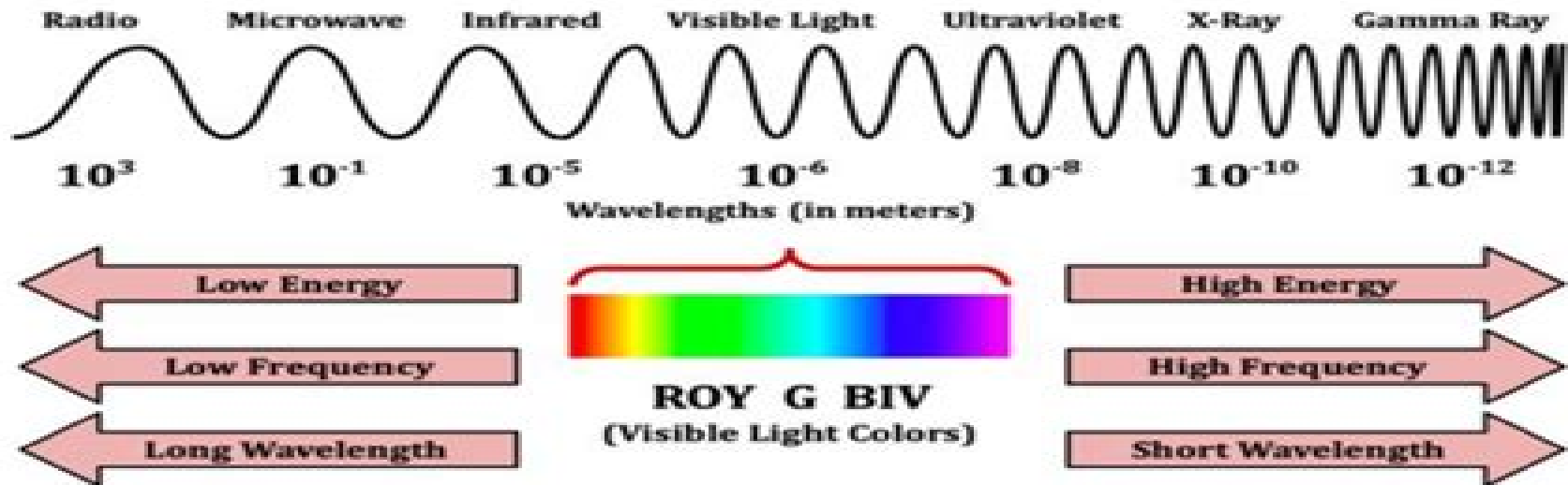


The Electromagnetic Spectrum



Instructions: Use the electromagnetic spectrum to answer the questions below:

- 1) Which type of radiation has the **longest wavelength**?
- 2) Which type of radiation has the **highest frequency**?
- 3) Which type of radiation would be the **least dangerous**?
- 4) Which color of **visible light** has the **shortest wavelength**?

Radio

Gamma Ray

Radio

Violet Light

Instructions: Identify the **type of radiation** described in each question below:

- 5) Radiation with a **longer wavelength** than microwaves.
- 6) Radiation with **slightly more energy** than microwaves.
- 7) Radiation with a **slightly lower frequency** than x-rays?
- 8) The color of visible light with the **lowest frequency**.

Radio

Infrared

Ultraviolet

Red Light

Physical Science Study Guide Waves Electromagnetic Spectrum

D Kirk



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