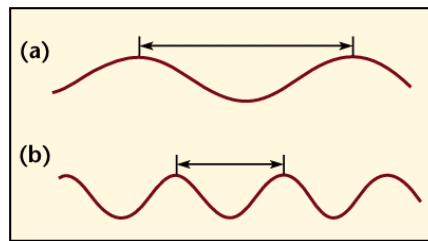


4. What is the order of the electromagnetic spectrum from **highest to lowest energy**?

Use the visual below to answer question 5.



(a) Longer wavelength; (b) shorter wavelength

5. Which has more energy, A or B? Explain your reasoning.
6. Define a wavelength.
7. What is a frequency of a wavelength?
8. For **visible light** (ROYGBIV), which has the shortest wavelength? Which has the longest? Place all the other colors in order based on their wavelength from shortest to longest.

