
NAME:

1. **Open Slide #4** (Page 4) of the Classwork. Use the **electromagnetic spectrum diagram** as a reference to fill in the blanks in the sentences below.

A. The wavelength of infrared light is _____ than that of visible light.

B. The frequency of gamma rays is the _____ across the spectrum.

C. All light travels at the speed of _____.

D. Ultraviolet light has frequency _____ than that of microwaves.

E. Radio waves have wavelengths much _____ than x-rays.

F. Visible light wavelengths range from _____ to _____ nanometers.

G. Some radio waves have wavelengths comparable to _____ (*give the example of an object of the same scale shown just below the diagram*).