DATE: NAME: CLASS:

UNIT 2

Chapter 4 Key Terms

BLM 2-3

Goal • Use this page to review the Key Terms in Chapter 4.

1. List one common use for each type of radiation listed. Then use the types of radiation to label the diagram below.

gamma rays _____

infrared waves _____

microwaves _____

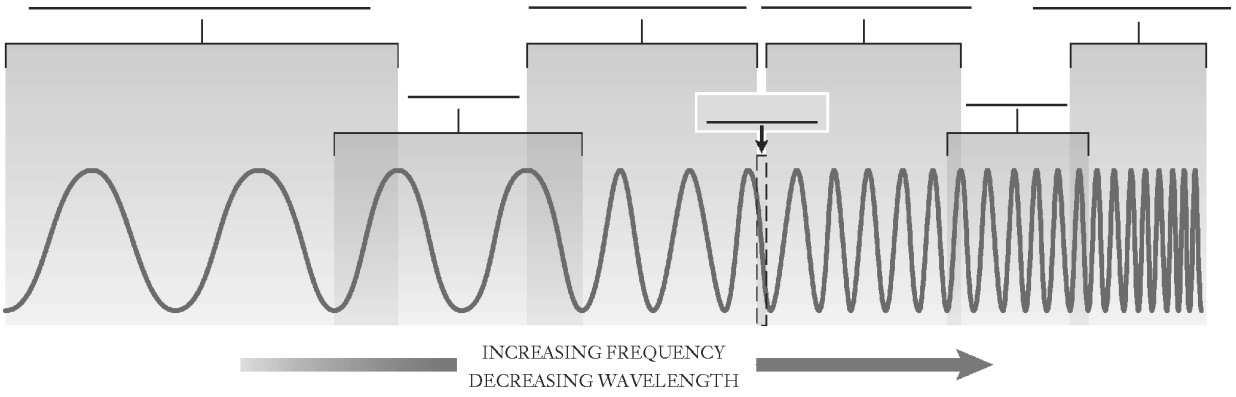
radio waves _____

ultraviolet waves _____

visible light _____

X rays _____

Electromagnetic Spectrum



2. Choose one of these Key Terms to fill in each blank in the following sentences.

amplitude	compression wave	crest	electromagnetic radiation
energy	force	frequency	hertz
medium	microscope	Pythagoras	radiant energy
reflection	refraction	telescope	transverse wave
trough	wave	wave model of light	wavelength

The _____ of a wave describes the number of waves that occur in a certain time, and is often measured in cycles per second, or _____.

The highest point of a wave is the _____ and the lowest is the _____.

The _____ of a wave describes the distance from the highest point to the rest position. The _____ of a wave describes the distance from one crest to the next.

Matter in a _____ moves up and down perpendicular to the direction the wave travels. Matter in a _____ moves back and forth along the same direction that the wave travels.

_____ describes light hitting an object and bouncing off.
_____ describes light changing direction as it passes through a _____.

A _____ helps us see things too small for our eyes alone to see.
A _____ helps us see things too far away for our eyes alone to see.