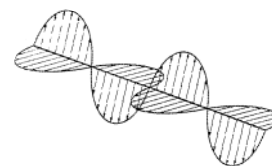


Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Chemistry

Worksheet

# Light as a Wave



**DESCRIBE** the contributions of the following scientists.

Thomas Young –

James Clerk-Maxwell –

**Describe** the following terms.

amplitude –

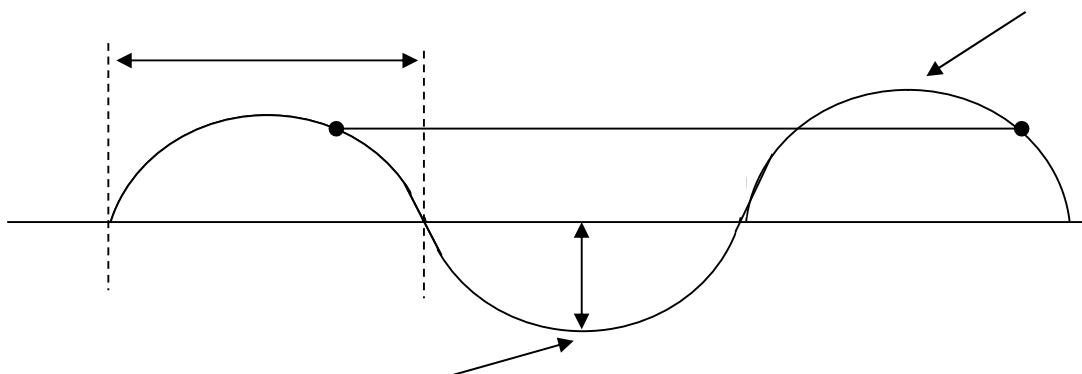
frequency ( $\nu$ ) –

wavelength ( $\lambda$ ) –

refraction –

reflection –

**Label** the following wave.



**Solve** the following problems using the proper equations. SHOW YOUR WORK.

\_\_\_\_\_ Determine the frequency of EMR with a wavelength of 425 nm. (use sig figs)

**"Good work done little by little becomes great work. Your house of success will be built brick by brick." -- Max Steingart**