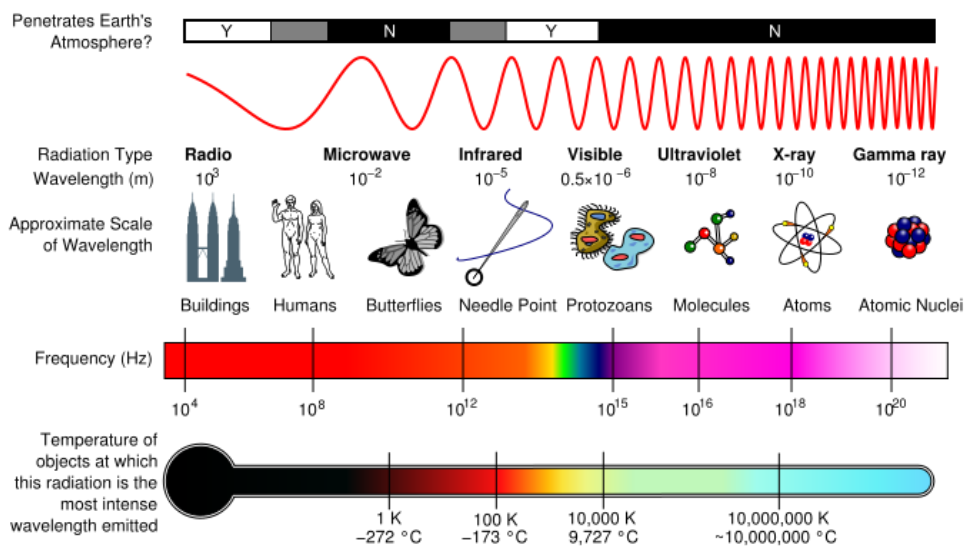
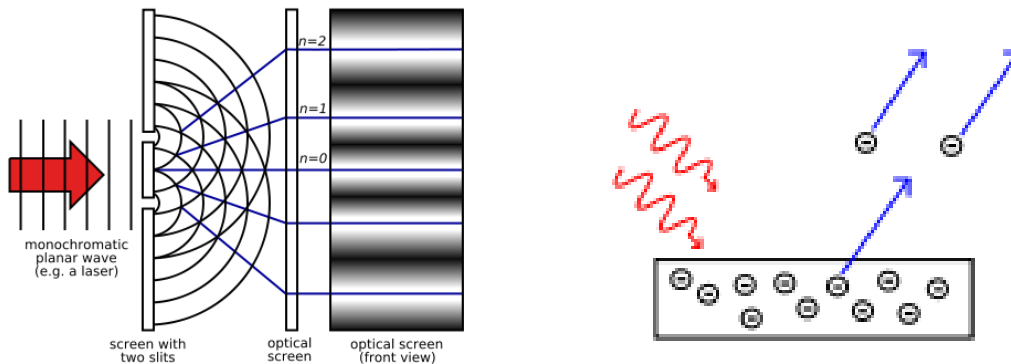


Light Properties Worksheet

- _____ travels through water to create waves.
- The energy of light waves is known as _____ radiation.
- The picture below represents the electromagnetic _____.

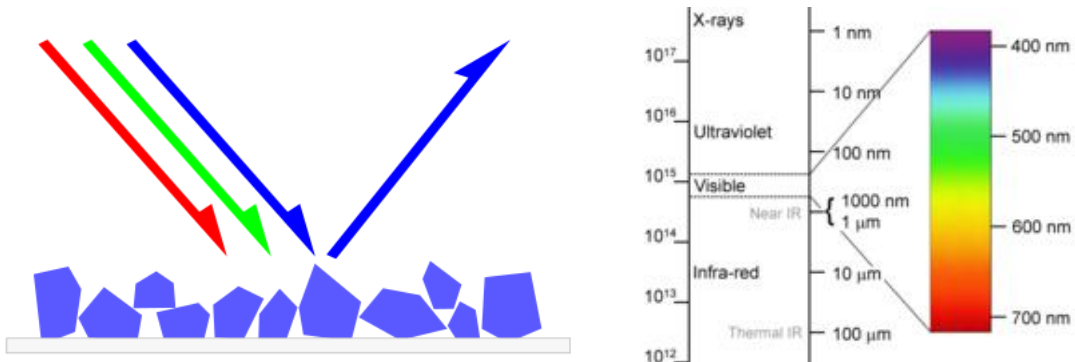


- Young's two-slit experiment demonstrated the _____ theory of light. This theory is known as classic physics.



- The photoelectric effect demonstrated the _____ theory of light. These results are considered the foundation of quantum physics.

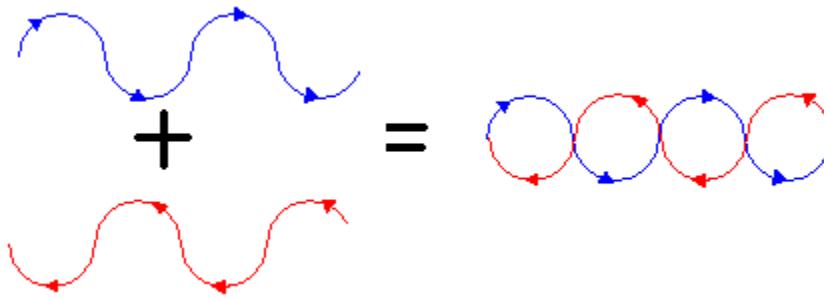
6. What frequency of light is reflecting off the rocks? _____
7. What is the natural vibrating frequency of the electrons in the rocks? _____



8. To the naked eye it looks as if this pencil is _____, which demonstrates what property of light? _____



9. The image below represents _____ of the red and blue waves.



10. As the following two waves propagate towards one another, the result will be _____ interference.

