

Name \_\_\_\_\_

## The Electromagnetic Spectrum: Unveiling the Colors of Light

### Short Answer

1. How does visible light differ from the other types of electromagnetic waves in the spectrum?
2. Name one practical application of microwaves other than heating food.
3. Describe the order of colors in visible light and provide an example of an object that appears blue in color.
4. Explain the importance of ultraviolet (UV) waves and their role in nature.
5. What type of electromagnetic waves have the ability to penetrate solid objects, and how is this ability utilized in medical imaging?

