



Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

### Match each of the following terms to its definition:

Microwaves

Opaque

Photon

Infrared rays

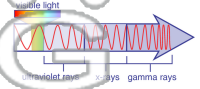
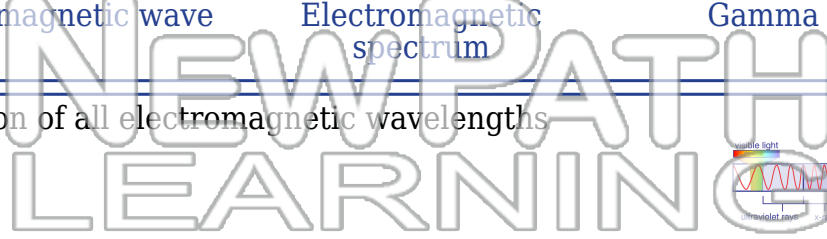
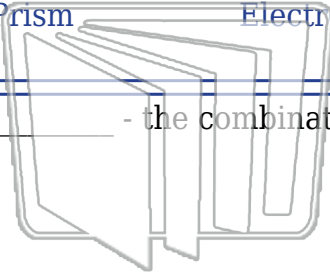
Prism

Electromagnetic wave

Electromagnetic spectrum

Gamma ray

1. \_\_\_\_\_ - the combination of all electromagnetic wavelengths



2. \_\_\_\_\_ - a type of wave that carries both a magnetic field and electrical field without the need for a medium

3. \_\_\_\_\_ and shorter

4. \_\_\_\_\_ somewhat like cameras

5. \_\_\_\_\_ wavelengths

6. \_\_\_\_\_ - the name given to an object that does not allow any light through it

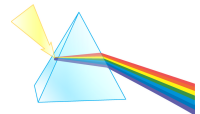
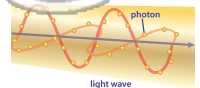
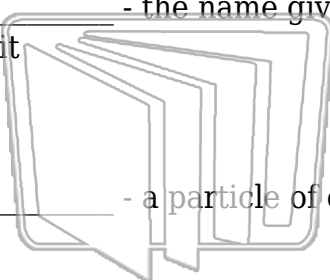
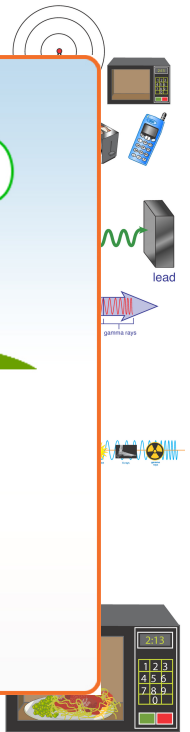
7. \_\_\_\_\_ - a particle of energy thought to exist in electromagnetic waves

8. \_\_\_\_\_ - a triangular shaped glass device used to break up light into its different wavelengths



## PREVIEW

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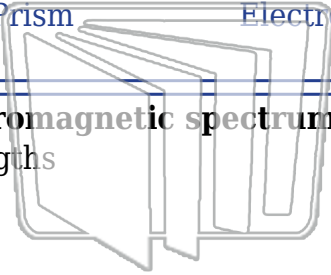
Infrared rays

Prism

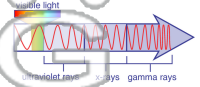
Electromagnetic wave

Electromagnetic spectrum

Gamma ray



1. **electromagnetic spectrum** - the combination of all electromagnetic wavelengths



2. **electromagnetic wave** - a type of wave that carries both a magnetic field and electrical field without the need for a medium

3. **gamma rays** and short wavelength



4. **infrared rays** are used in night vision cameras

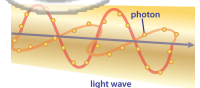
5. **microwaves** are used in microwave ovens

**PREVIEW**  
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6. **opaque** - the name given to an object that does not allow any light through it



7. **photon** - a particle of energy thought to exist in electromagnetic waves



8. **prism** - a triangular shaped glass device used to break up light into its different wavelengths

