



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Plane mirror

Focal point

Object

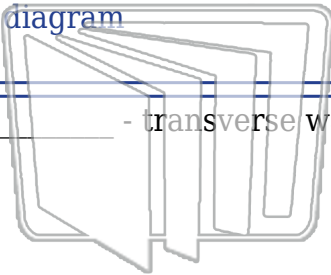
Electromagnetic wave

Ray diagram

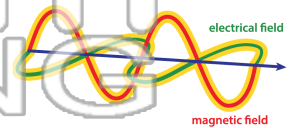
Prism

Optical axis

Image



1. _____ - transverse waves that transfer electric and magnetic energy



2. _____ - the point where light rays meet, or appear to meet, when reflected by a mirror or transmitted by a lens

3. _____ of light

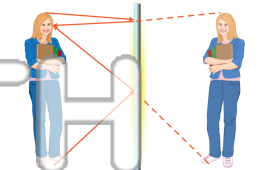
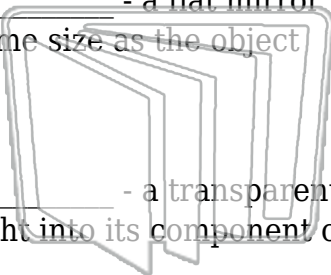


4. _____

PREVIEW

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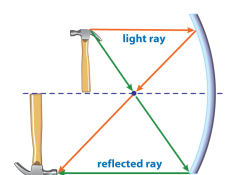
6. _____ - a flat mirror that produces an upright, virtual image that is the same size as the object



7. _____ - a transparent object, often triangular in shape, that breaks white light into its component colors



8. _____ - a drawing of the light rays that form an image for a mirror or lens





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Electromagnetic wave

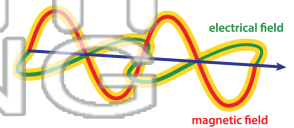
Ray diagram

Prism

Optical axis

Image

1. **electromagnetic wave** - transverse waves that transfer electric and magnetic energy



2. **focal point** - the point where light rays meet, or appear to meet, when reflected by a mirror or transmitted by a lens

3. **image**
light

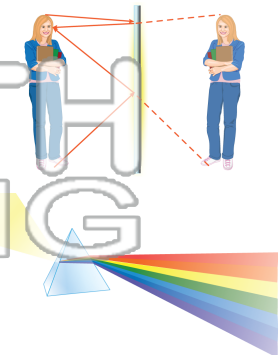


4. **object**

5. **optical**

PREVIEW
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6. **plane mirror** - a flat mirror that produces an upright, virtual image that is the same size as the object



7. **prism** - a transparent object, often triangular in shape, that breaks white light into its component colors

8. **ray diagram** - a drawing of the light rays that form an image for a mirror or lens

