



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Opaque

Refraction

Pitch

Laser

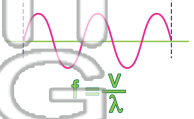
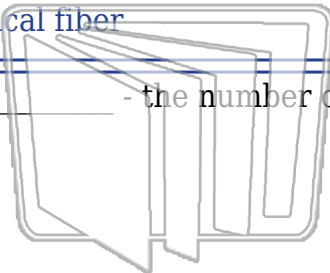
Optical fiber

Sound

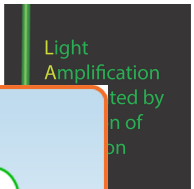
Frequency

Reflection

1. _____ - the number of waves (vibrations) in a certain period of time



2. _____ - a narrow and powerful beam of coherent light of only one wavelength



3. _____ through _____

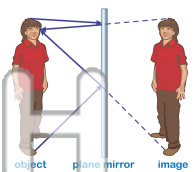
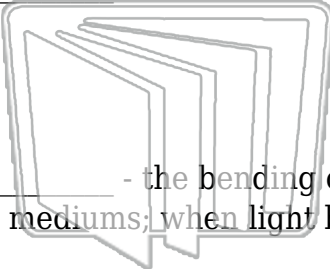


4. _____ for long _____

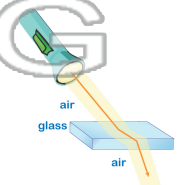
5. _____

PREVIEW
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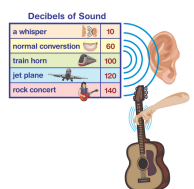
6. _____ - the deflection of a wave off the surface of an object



7. _____ - the bending of a wave as it moves at an angle through two different mediums; when light bends moving from one medium to another



8. _____ - a type of energy that travels in waves caused by vibrations



Decibels of Sound	
whisper	20
normal conversation	60
train horn	100
jet plane	120
rock concert	140



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Laser

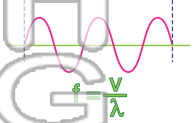
Optical fiber

Sound

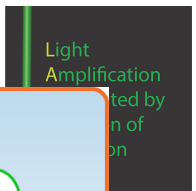
Frequency

Reflection

1. **frequency** - the number of waves (vibrations) in a certain period of time



2. **laser** - a narrow and powerful beam of coherent light of only one wavelength



3. **opaque** - does not allow light to pass through



4. **optical fiber** - used for long distance communication

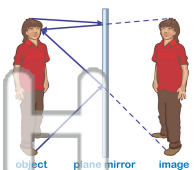


5. **pitch** - the highness or lowness of a sound

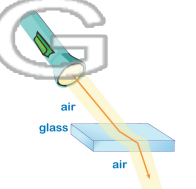
PREVIEW

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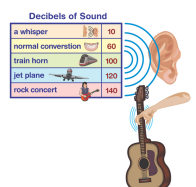
6. **reflection** - the deflection of a wave off the surface of an object



7. **refraction** - the bending of a wave as it moves at an angle through two different mediums; when light bends moving from one medium to another



8. **sound** - a type of energy that travels in waves caused by vibrations



Sound	Decibels of Sound
whisper	20
normal conversation	60
train horn	100
jet plane	120
rock concert	140