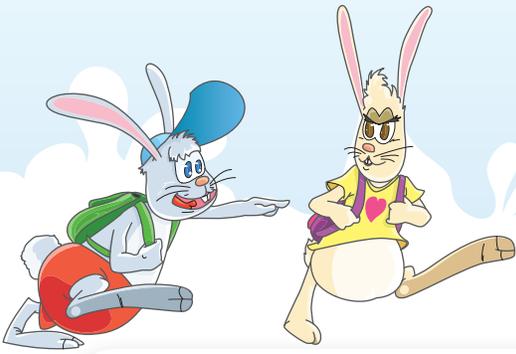


Name: _____ Class: _____

Light

1. A ____ object can scatter light making it impossible to see objects through it.
a. translucent c. transparent
b. opaque d. shiny
2. Light waves that bounce off a smooth surface are said to have been ____.
a. refracted c. radiated
b. reflected d. bounced
3. Which among the following colors of visible light has the longest wavelength ?
a. green c. orange
b. blue d. red
4. If you put an object in a transparent glass of water and look at it through the glass, it appears bent due to _____.
a. radiation c. refraction
b. absorption d. reflection
5. Which object below will allow light to pass through it ?
a. a wooden box c. a glass of water
b. a ceramic tile d. a mirror
6. Why does a black sponge appear black ?
a. it absorbs all colors of light c. it refracts all colors of light
b. it reflects all colors of light d. because it is painted black
7. Light waves are categorized as _____ waves.
a. transparent c. mechanical
b. electromagnetic d. heat



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