

A ____ object can scatter light making it impossible to see objects through it.

- *translucent
- *opaque
- *transparent
- *shiny

5

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Light waves that bounce off a smooth surface are said to have been ____.

- *refracted
- *reflected
- *radiated
- *bounced

3

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Which among the following colors of visible light has the longest wavelength ?

- *green
- *blue
- *orange
- *red

2

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If you put an object in a transparent glass of water and look at it through the glass, it appears bent due to ____.

- *radiation
- *absorption
- *refraction
- *reflection

8

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Which object below will allow light to pass through it ?

- *a wooden box
- *a ceramic tile
- *a glass of water
- *a mirror

1

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Why does a black sponge appear black ?

- *it absorbs all colors of light
- *it refracts all colors of light
- *because it is painted black
- *it reflects all colors of light

10

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Light waves are categorized as _____ waves.

- *transparent
- *mechanical
- *heat
- *electromagnetic

9

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What does it mean to be opaque ?

4

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