

Properties of Light

Questions

- A 1. What is the smallest possible piece of electromagnetic radiation?
A. photons
B. rays
C. waves
- D 2. How does light travel?
A. in straight lines
B. in rays
C. in waves
D. all of the above
- D 3. What is the speed of light?
A. about 186,000 miles per second
B. about 300,000 kilometers per second
C. about 670 million miles per hour
D. all of the above are correct
- A 4. Light cannot be absorbed.
A. false
B. true
- B 5. Light can be reflected.
A. false
B. true
- A 6. Light can be transmitted through matter.
A. true
B. false
- B 7. These materials allow light to be transmitted through them easily.
A. translucent
B. transparent
C. opaque
- B 8. Something that transmits some, but not all, of the light that hits it is called:
A. opaque
B. translucent
C. transparent