

Light: Check Point EQ1: What is Light?

Multiple Choice

Directions: Type A, B, C, or D of the correct answer in the answer box

1. **What type of wave does light travel as?**
 - a) Longitudinal wave
 - b) Transverse wave
 - c) Sound wave
 - d) Compressional wave
2. **Which of the following is true about electromagnetic waves?**
 - a) They do not require a medium to travel
 - b) They cannot travel through a vacuum
 - c) They require a medium to travel
 - d) They travel only through solids
3. **Where does light travel the fastest?**
 - a) In air
 - b) In water
 - c) In the vacuum of space
 - d) In solids

True or False

Directions: Write T for true and F for false in the answer box.

Light is a form of energy that travels as an electromagnetic wave.

Transverse waves go up and down in motion.