

Mechanical and electromagnetic wave

1. A wave that can travel only through matter is a --

2. The empty space is called -----
3. It -----travel through solids , liquids and gases.
4. A material in which a mechanical wave travels is called a -----
5. Mechanical waves cannot move through a -----

6. Sound waves, water waves and seismic waves are -----waves
7. An -----is a wave that can travel through vacuum and through matter.

8. Light and ultraviolet waves are ----- waves