

## **Mechanical and electromagnetic wave**

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