

Mechanical Waves Vs. Electromagnetic Waves

Mechanical waves are waves that need a _____ to travel through.

The wave is said to be transverse when the motion of the _____ in the medium are _____ to the _____ of motion of the wave.

The wave is _____ when the direction of motion of the _____ is _____ to the direction of motion of the _____.

Electromagnetic waves are waves that do not _____ a medium to travel through. They can also travel through a _____ (empty space).

Waves carry _____ and not _____.