



Intro to Waves

Review

- ● ● | What do waves move?





What do waves move?

- Waves move energy

● ● ● | What's a medium?





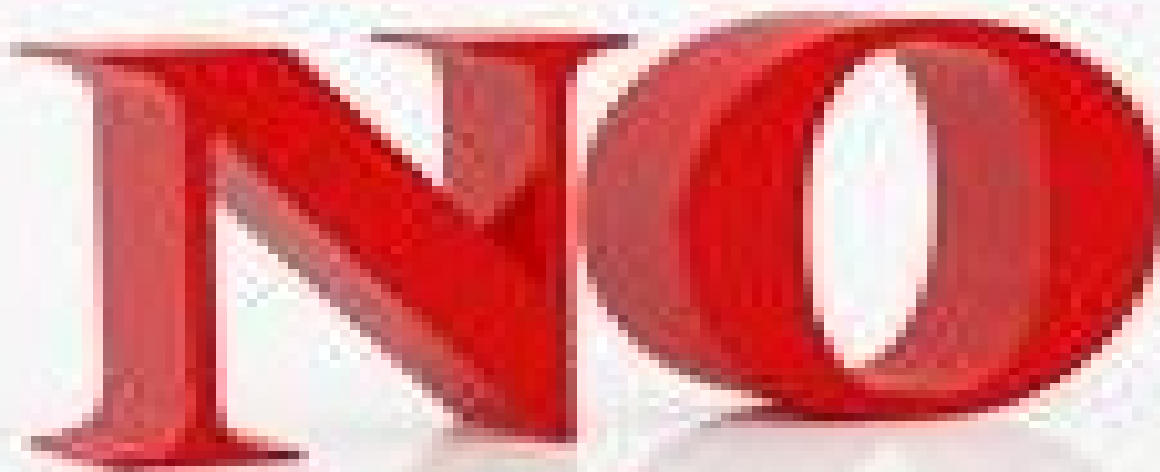
What's a medium?

- A substance through which waves travel

● ● ● | Do all types of waves need a medium?



- ● ● | Do all types of waves need a medium?



NO

Mechanical Waves

- Must have a medium
- Some examples are:
 - Sound
 - Water
 - Earthquakes

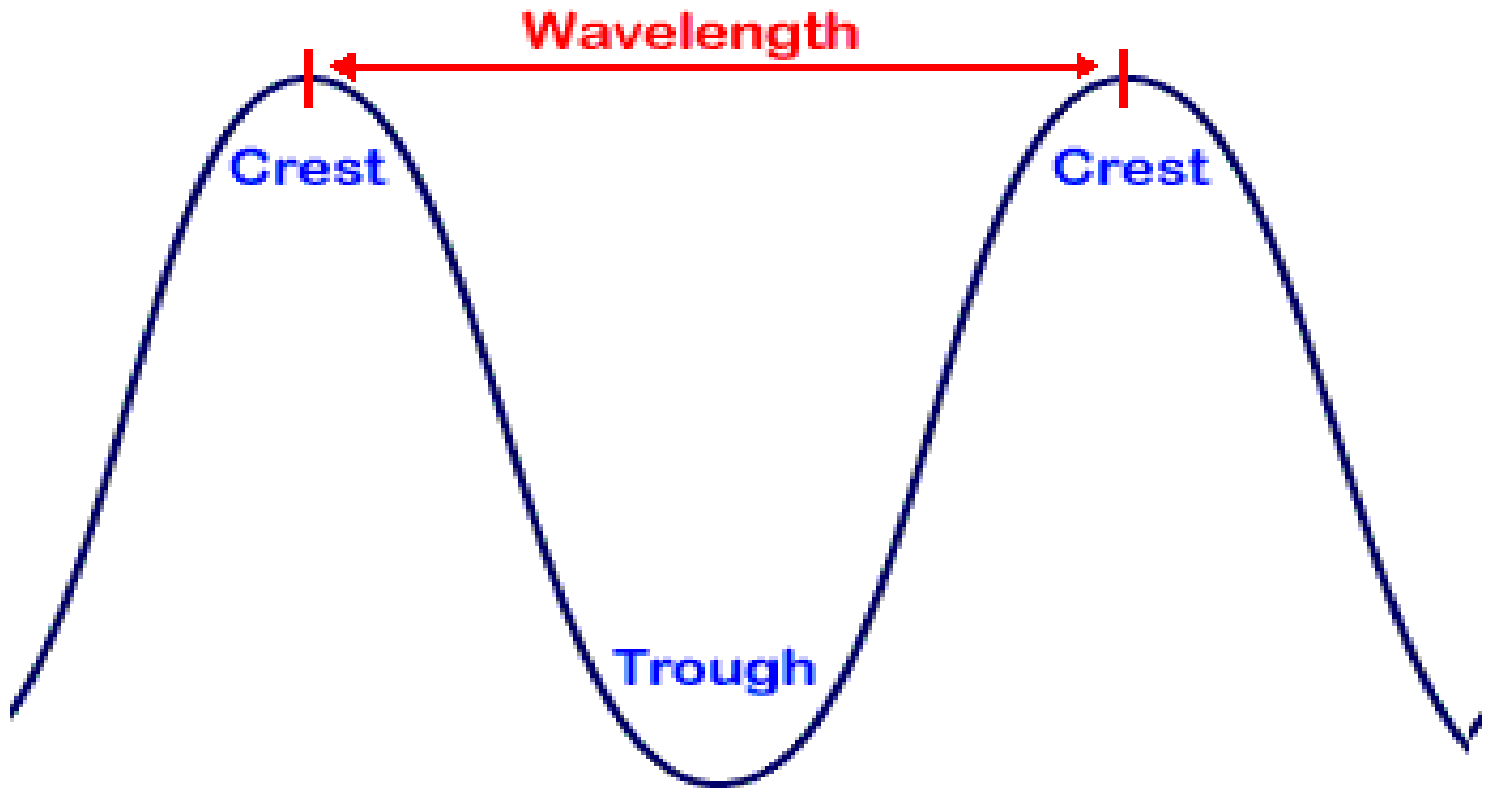


Electromagnetic Waves

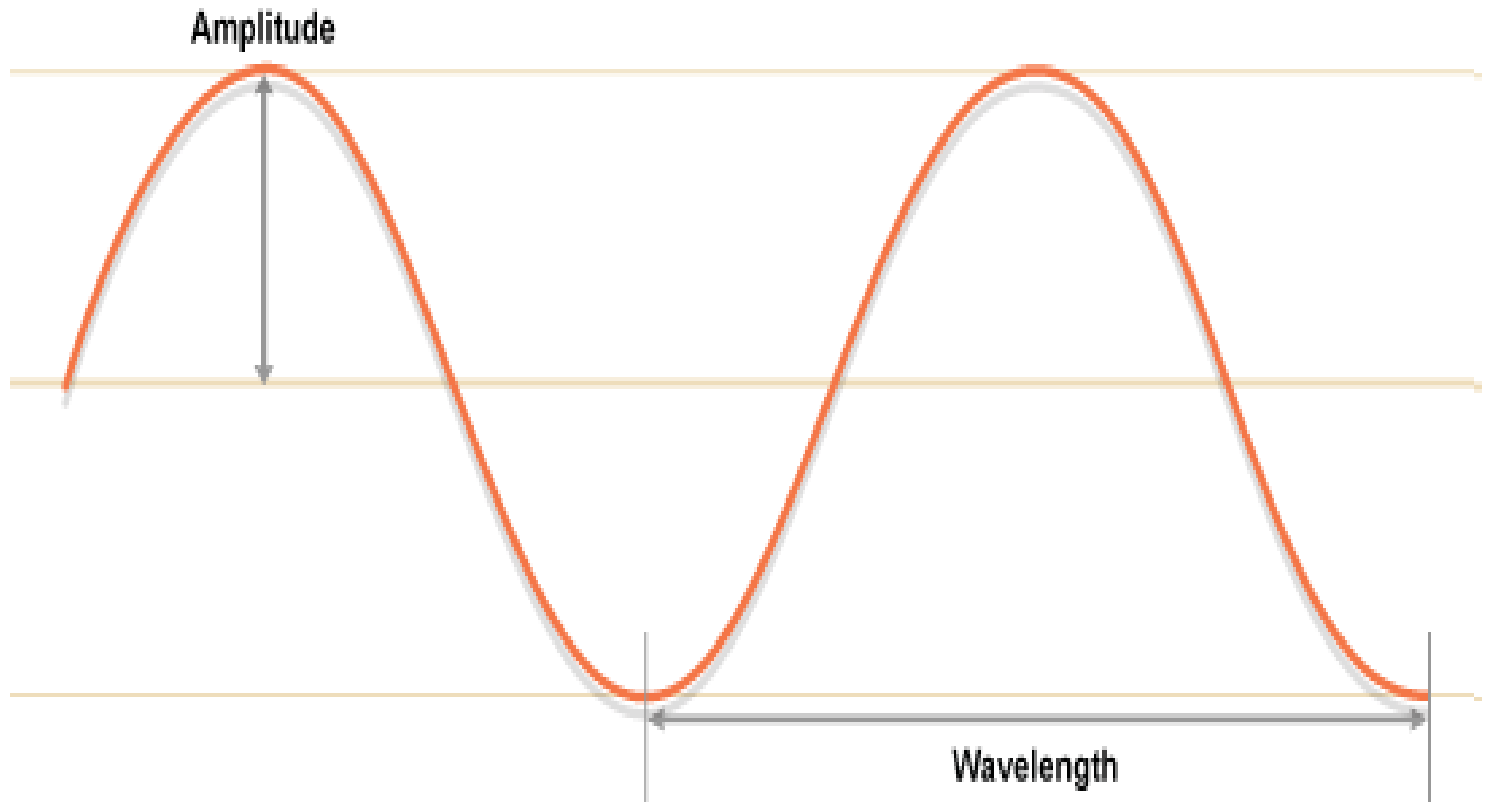
- Do not need a medium
- Some examples are:
 - Light
 - X-rays
 - TV and radio waves
 - microwaves



Parts of a wave

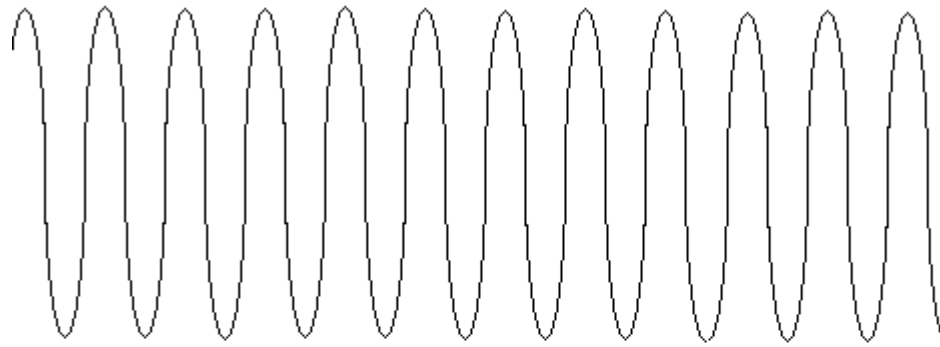


More parts of a wave

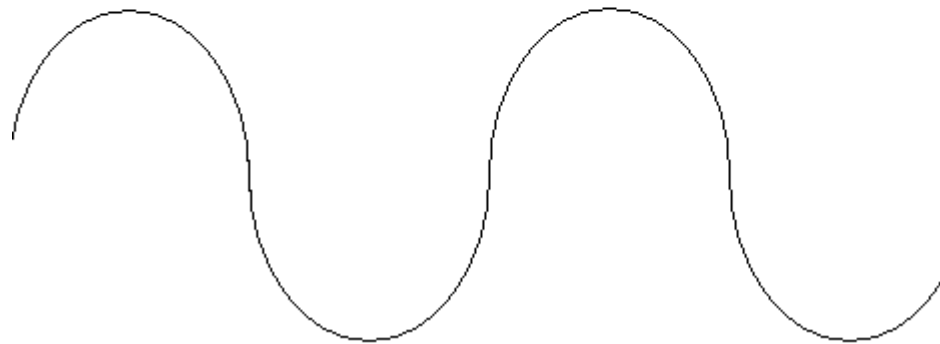


What is frequency.

- Frequency refers to how many waves are made per time interval.



High
frequency
radio waves



Low
frequency
radio waves



A cool link

- <http://id.mind.net/~zona/mstm/physics/waves/partsOfAWave/waveParts.htm>