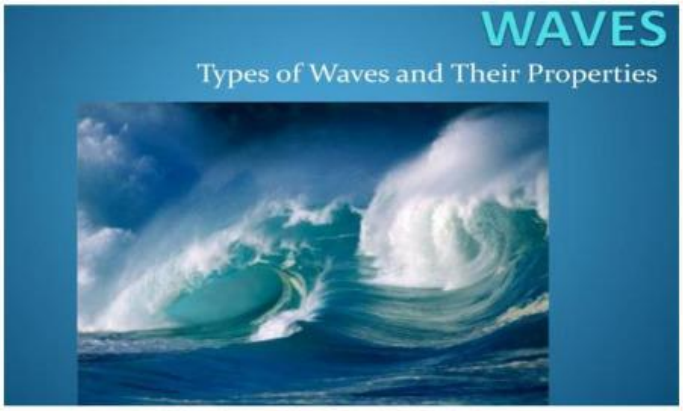
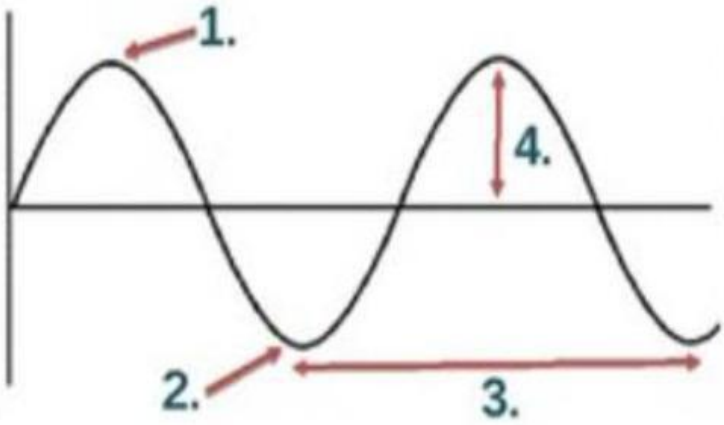
Science is fun with Tr. Hadeel



Instruction: Read through the information below. Then answer the following questions.

A wave is a disturbance that carries energy and travels in a repeating pattern. Some examples of waves include; water waves, sound waves, and radio waves. Waves come in two different forms; a **Transverse Wave** is a wave that moves perpendicular to the direction of the particles, and a **Longitudinal Wave** that moves in the same direction as the particles.

1. Choose the correct answer.



1.
2.
3.
4.

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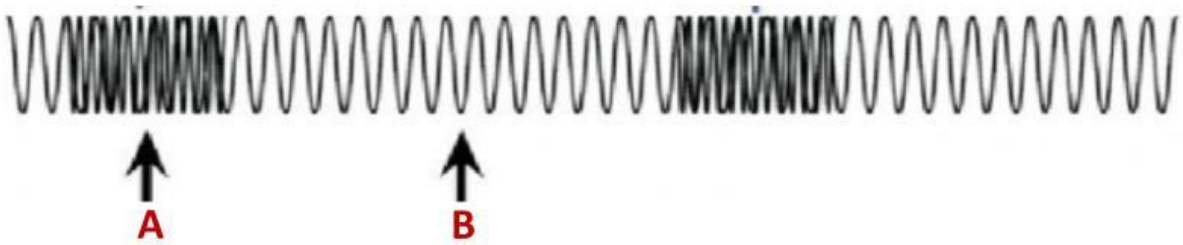
2. Label the parts of the following longitudinal wave.



A. _____ B. _____

3. True or False.

1. Rarefactions happen when the parts of the waves spread apart or expand.
2. Sound wave does not need a medium to travel through it.
3. Light waves can travel through empty space.
4. High amplitude sound waves are louder than low amplitude sound waves.

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