

Online Quiz**Waves**

1. Which is a measure of the energy in a wave?

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- A. frequency
- B. amplitude
- C. wave velocity
- D. wavelength

2. What is the term for waves that use matter to transfer energy?

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- A. electromagnetic waves
- B. mass waves
- C. medium waves
- D. mechanical waves

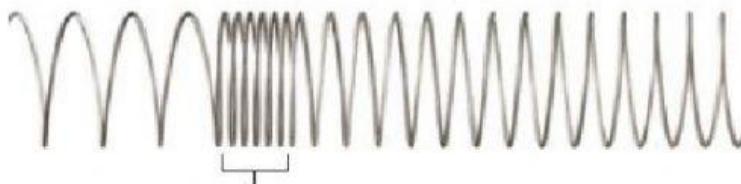
3. Reflection occurs when a wave does what?

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- A. causes ripples in a pool of water
- B. compresses air particles as it travels
- C. strikes an object and bounces off of it
- D. bends and changes speeds as it travels

4. What is the region of a longitudinal wave where particles are closest together called?

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- A. trough
- B. crest
- C. wave motion
- D. compression

5. What happens as the frequency of a wave increases?

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- A. its wavelength decreases
- B. its wavelength increases
- C. its amplitude decreases
- D. its amplitude increases

STOP This is the end of the test. When you have completed all the questions and reviewed your answers, press the button below to grade the test.

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