

What is a wave?

Lesson Review

Explain the relationship between each of the terms in the following pairs.

1. waves, energy _____

2. mechanical waves, matter _____

3. medium, particles _____

4. light waves, empty space _____

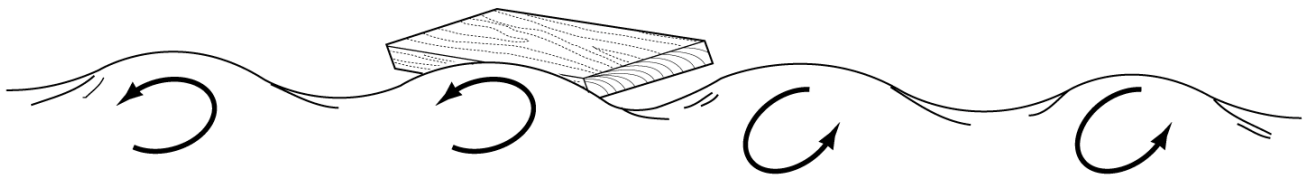
5. air, medium _____

6. radio waves, electromagnetic waves _____

Skill Challenge

Skills: analyzing, interpreting diagrams

Use the diagram to answer the following questions.



1. What is the medium for the waves in this diagram? _____
2. What are the waves transferring? _____
3. How do water molecules move as the wave moves forward? _____

4. What happens to the piece of wood as the wave passes by? Why? _____

