

SECTION
1

Reinforcement

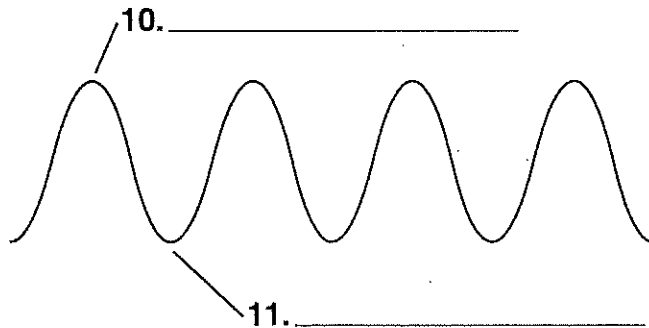
What are waves?

Directions: Write the kind or kinds of waves—mechanical, electromagnetic, transverse, or compressional—that apply to each term or description.

1. has areas where particles are spread out _____
2. water waves _____
3. X rays _____
4. transfer energy but not matter _____
5. has peaks and valleys _____
6. can travel only through a medium _____
7. can travel through a vacuum _____
8. matter moves in same direction as wave travels _____
9. matter moves at right angles to direction wave travels _____

Directions: Study each of the following diagrams. Then label each one and give an example of each kind of wave.

A.



12. _____ wave

13. Example: _____

B.

14. _____



15. _____

16. _____ wave

17. Example: _____