

Chapter 5

Use with Section 1

REINFORCEMENT

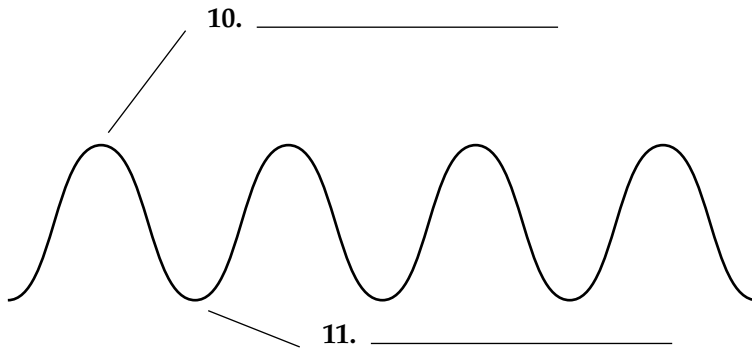
● **What are waves?**

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

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

Label each diagram and give an example of each kind of wave.

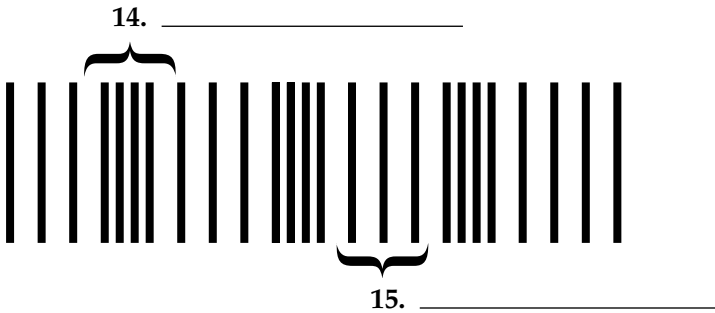
A.



12. _____ wave

13. Example: _____

B.



16. _____ wave

17. Example: _____