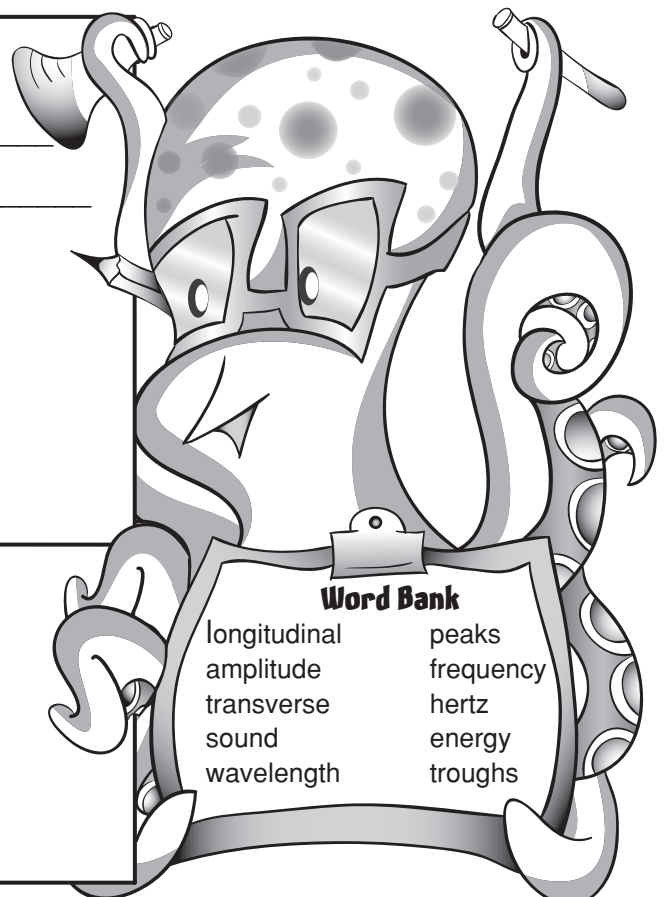
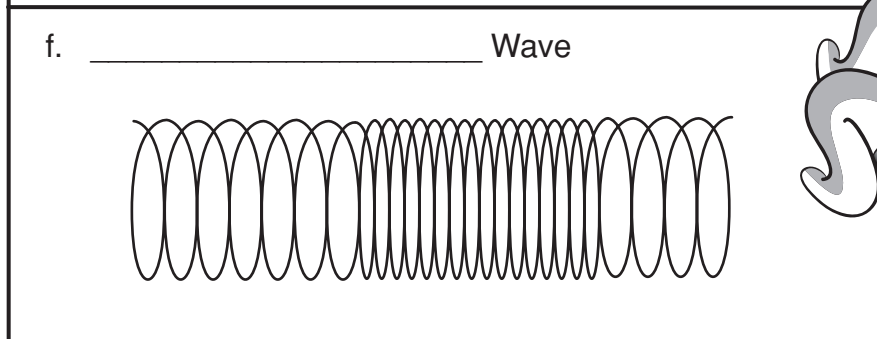
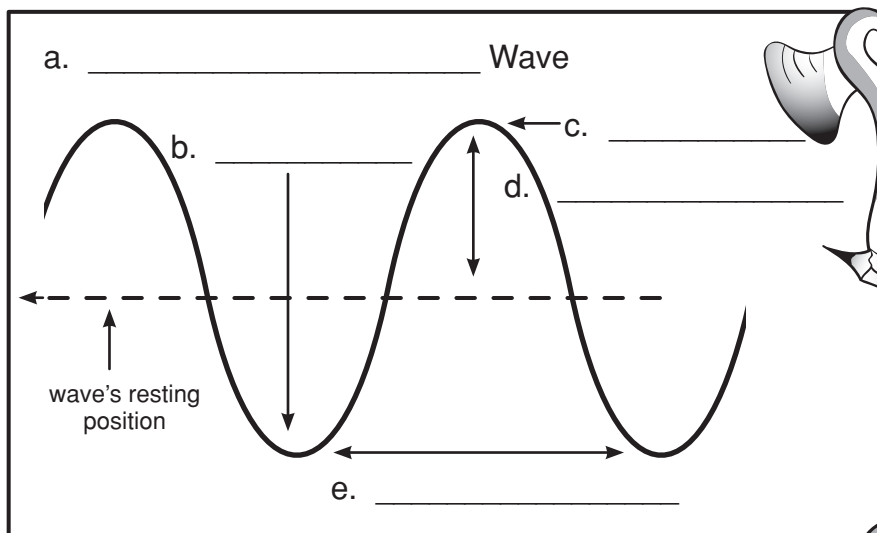


Making Waves

Complete each sentence below with a word from the word bank. Then label each diagram.

1. E _____ travels in waves.
2. Transverse waves move up and down in patterns that have high points called ____ a ____.
3. The low points of a transverse wave are called __ r __ u __ h __.
4. The distance between any two troughs or peaks is called the ____ v ____ n ____.
5. The height of a peak or trough is called the a _____ d ____.
6. ____ e ____ e ____ is the number of complete waves that pass by in one second.
7. Frequency is measured in ____ t ____ (which is written Hz).
8. L ____ g ____ d ____ waves move by pushing forward and pulling back.
9. ____ o ____ waves are examples of longitudinal waves.
10. Waves on the surface of water are examples of t _____ waves.



ANSWER KEY

- a. Transverse
 - b. trough
 - c. peak
 - d. amplitude
 - e. wavelength
 - f. Longitudinal or Sound
-
- 1. Energy
 - 2. peaks
 - 3. troughs
 - 4. wavelength
 - 5. amplitude
 - 6. Frequency
 - 7. hertz
 - 8. Longitudinal
 - 9. Sound
 - 10. transverse