

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 _____ **T** _____ **B** _____.
4. The distance between any two troughs or peaks is called the _____ **V** _____ **W** _____.
5. The height of a peak or trough is called the **A** _____ **D** _____.
6. _____ **F** _____ **H** _____ is the number of complete waves that pass by in one second.
7. Frequency is measured in _____ **I** _____ (which is written Hz).
8. **L** _____ **D** _____ **R** _____ 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 **L** _____ **S** _____ waves.

