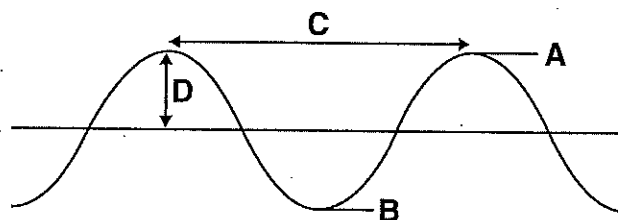


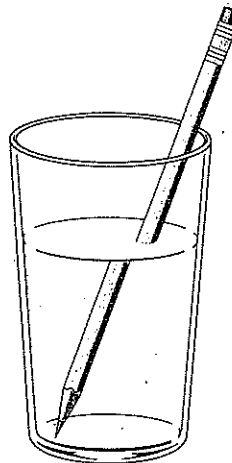
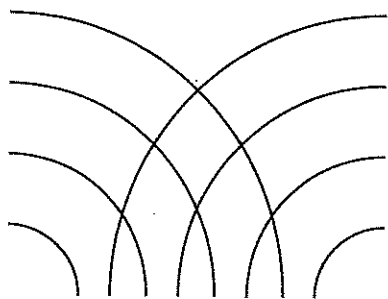

**Directed Reading for
Content Mastery**
Section 2 ■ Wave Properties
Section 3 ■ Wave Behavior

Directions: Use the letters on the diagram to identify the parts of the wave listed below. Write the correct letters on the line provided.

- _____ 1. crest
 _____ 2. amplitude
 _____ 3. wavelength
 _____ 4. trough



Directions: Label the illustrations below as refraction or interference.



5. _____

6. _____

Directions: Circle the term in parenthesis that makes each statement true.

7. The number of wavelengths that pass a given point in 1s is the wave's (frequency/vibration).
8. The units of frequency are (hertz [Hz], newtons [N]).
9. Mechanical waves travel faster in (liquids/solids).
10. (Compression/Reflection), occurs when a wave strikes a surface and bounces off.