

Drag and Drop (some words are not used)

| | | | | |
|--------------------|-----------------|------------|-------------|-------------|
| wave | rarefaction | reflection | medium | compression |
| refraction | transverse wave | amplitude | diffraction | trough |
| wavelength | interference | frequency | crest | resonance |
| compressional wave | | | | |

21. Adding energy at the natural frequency of an object is called _____.

22. The number of ocean waves that pass a buoy in one second is the _____ of the wave.

23. Water waves bending around a dock is an example of _____.

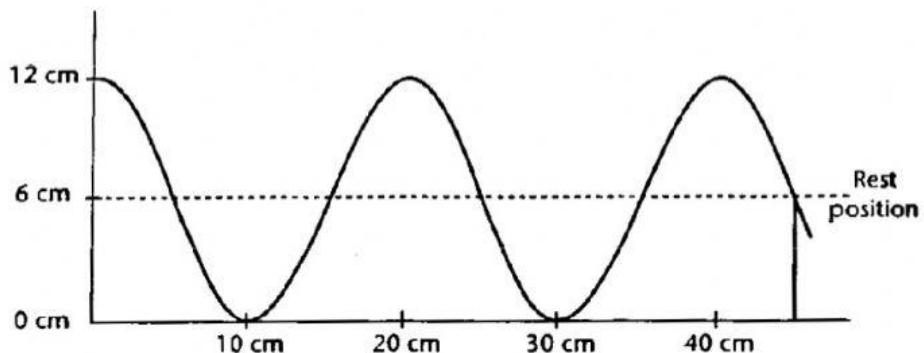
24. The _____ of a wave is the measure of the energy it carries.

25. A _____ is a repeating disturbance that transfers energy through matter or space.

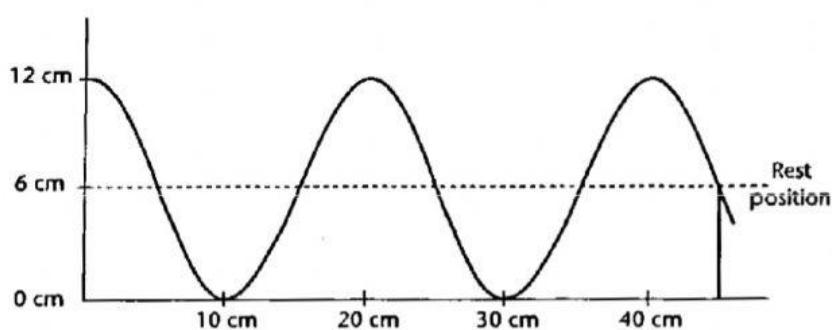
26. Waves bending because of a change in speed is called _____.

27. The medium vibrates perpendicular to the direction the wave travels in a _____.

28. The _____ is the material through which a mechanical wave travels.



29. What is the amplitude of this wave in centimeters? _____ cm



30. What is the wavelength of this wave in centimeters? _____ cm