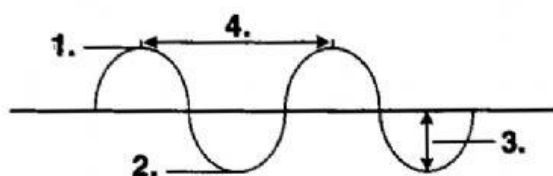


# Wave Properties



Drag and drop

trough      crest  
wavelength      amplitude

## TERMS

Distance from normal to a crest or trough.

Wavelength

Shorter Wavelength

Longer Wavelength

Wavelength decreases

Frequency

Wavelength increases

The distance from one point on a wave to the next one just like it.



How many wavelengths pass a fixed point per second.

How tight the compressions are compared to the rarefactions.



Speed or velocity

Measured in Hertz or Hz.

Amplitude

Drag and drop each term to its correct location.

What is meant by the frequency of a wave? 1.

What is the unit? 2.

Higher Frequency

3.

Lower Frequency

4.

5.

wave length description

6.

wave length description

Drop the characteristics of a wave that you can measure.

7.

9.

8.

10.

If the frequency of a given wave increases, what happens to the wavelength?

11.

Wave	Wavelength	Amplitude
transverse	12.	13.
compressional		14.