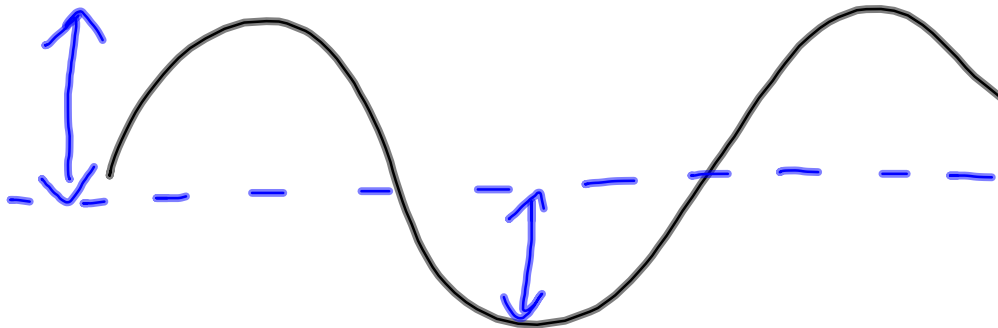


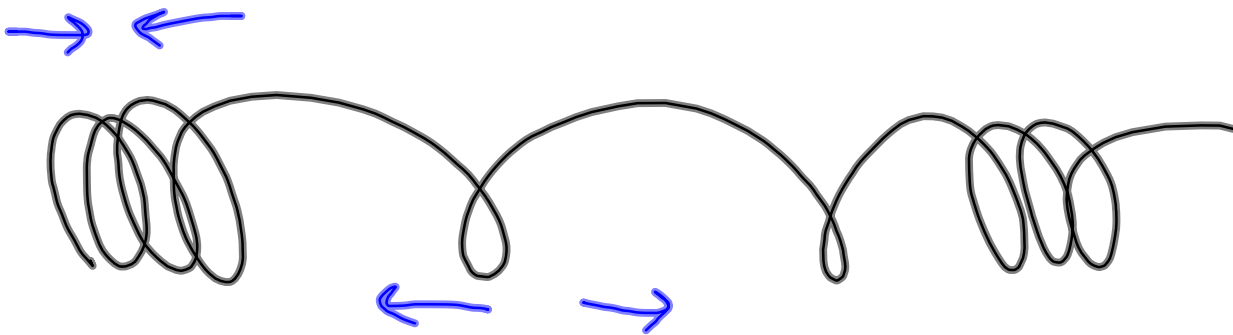
Amplitude

measures how much energy the wave carries



transverse: how far out from center-line

longitudinal: how compressed/how stretched



Frequency

The number of vibrations per second that create the wave, which is the same as the number of waves per second you create

$$\# \text{ vibrations} / \text{sec} = \# \text{ waves} / \text{sec}$$

units: Hertz (Hz)

$$2 \text{ Hz} = 2 \text{ waves} / \text{sec}$$

Wavelength

distance along the wave until it repeats

