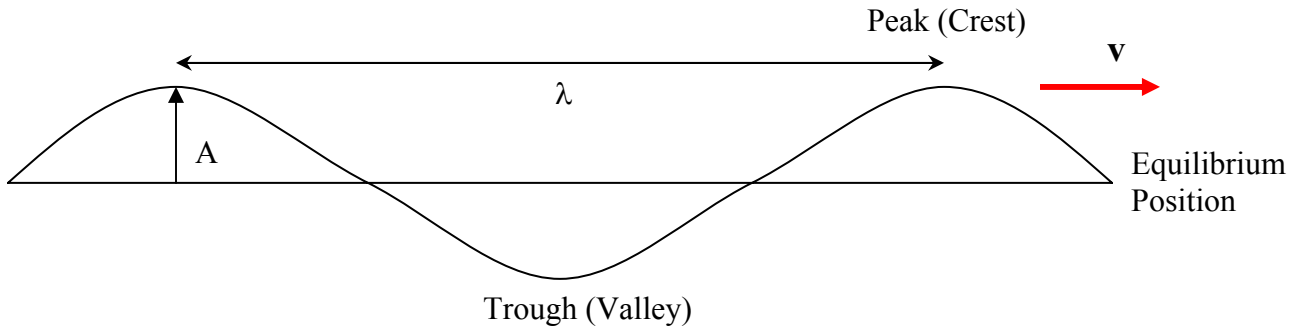


Properties of Traveling Waves



Equilibrium – initial, undisturbed position of the particle/medium

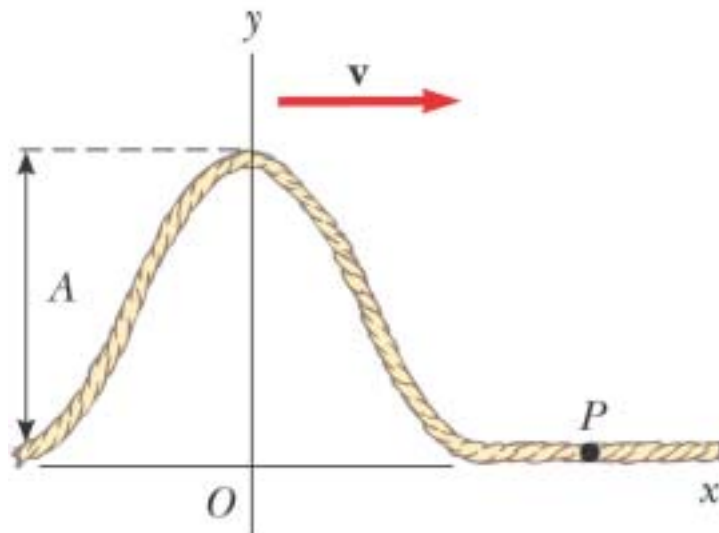
Amplitude (A) – maximum displacement from equilibrium position

Wavelength (λ) – distance between like points on a wave (*typically peak to peak*) [*units are meters*]

Period (T) – time it takes to complete 1 vibration (*units are seconds*)

Frequency (f) - # of vibrations per second (*units are 1/s or Hz*)

Properties of Wave Pulses



Wave pulses **DO NOT** have a:

Wavelength (λ)

Period (T)

Frequency (f)

Wave pulses **DO** have a:

Amplitude (A)

Speed (v)