

| Word | What is it? Examples | How did I learn this? How will I remember this? |
|------------|----------------------|---|
| Frequency | | |
| Wave speed | | |

Student Self Quiz

- In the diagram above, label the following parts:
 - Normal or Rest
 - Trough
 - Wavelength
 - Crest
 - Amplitude
- If the diagram above represent one second of wave, what is its frequency?
 - 6 Hz
 - 3 Hz
 - 6λ
 - 3λ
- The wavelength of the wave in the diagram is
 - 6.0 m
 - 3 m
 - 1.5 m
 - 0.75 m
- A man is standing on the shore of a beach, up to his knees in water. Every 5 seconds a wave breaks on him. What is the period of the wave?
 - 12 waves per minute
 - 5 seconds
 - 5 hertz
 - 0.2 hertz
- A train of waves is moving at a speed of 30 m/s. The frequency of the waves is 10 Hz. What is the wavelength?
 - 300 m
 - 3 m
 - 30 m
 01. m
- A wave along a guitar sting has a frequency of 440 Hz and a wavelength of 1.5 m. What is the speed of the wave?