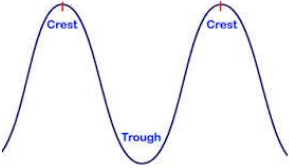
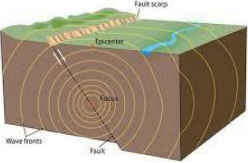
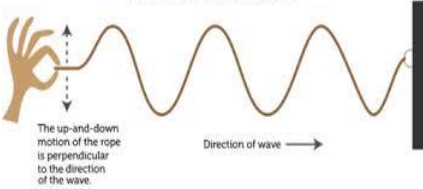
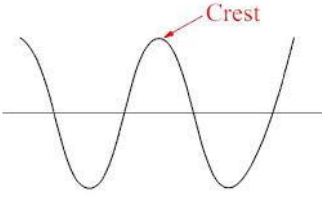
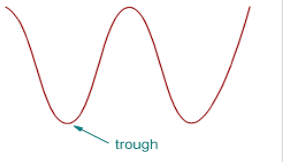
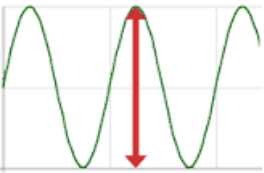
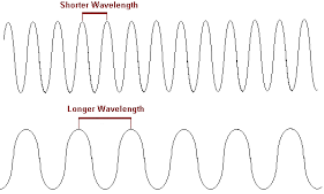
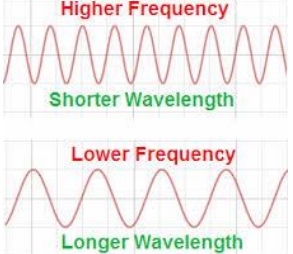
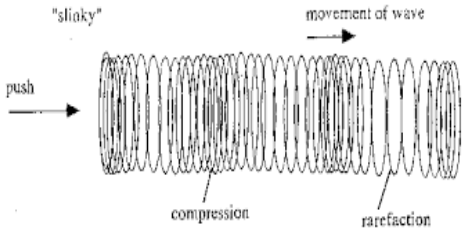
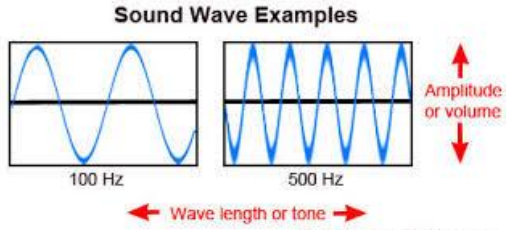


Name: \_\_\_\_\_

### Sounds and Waves Notes

Term	Picture	Definition
<b>Mechanical Waves</b>		
<b>Seismic Waves</b>	<p>Seismic Waves Radiate from the Focus of an Earthquake</p> 	
<b>Transverse Waves</b>	<p>Transverse Wave in a Rope</p> 	
<b>Crest</b>		

Term	Picture	Definition
Trough		
Amplitude	<p style="text-align: center;"><b>Amplitude</b></p> 	
Wavelength		
Frequency		

Term	Picture	Definition
<b>Compressional Waves</b>	 <p>The diagram shows a horizontal spring labeled "slinky". A "push" arrow points to the left from the start of the spring. An arrow labeled "movement of wave" points to the right. The spring is divided into two regions: a "compression" where the coils are tightly packed, and a "rarefaction" where the coils are spread apart.</p>	
<b>Hertz</b>	 <p>The diagram is titled "Sound Wave Examples" and shows two sine waves. The first wave is labeled "100 Hz" and has a longer wavelength. The second wave is labeled "500 Hz" and has a shorter wavelength. A vertical double-headed red arrow to the right of the waves is labeled "Amplitude or volume". A horizontal double-headed red arrow below the waves is labeled "Wave length or tone". At the bottom, the URL <a href="http://www.computerhope.com">http://www.computerhope.com</a> is provided.</p>	