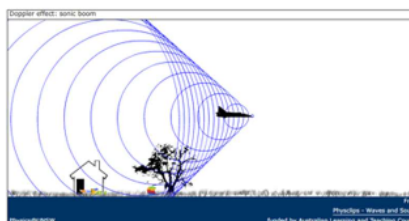
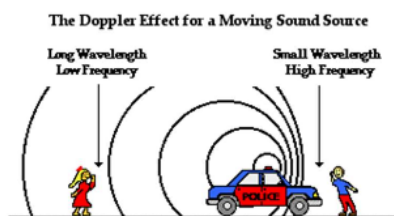


Name: _____

SPH3U Unit 4: Sound and Waves**Unit Goal:** The Doppler Effect

What it is:	the way a sound changes when the source of the sound is moving. (Pitch goes down when it passes).
What we want to do:	<ul style="list-style-type: none"> - speed of the source - distance from observers. - frequency of the sound - change in frequency.
What we already know:	<ul style="list-style-type: none"> - sound is a wave - calculate speed. - displacement - temperature.
What we need to learn:	<ul style="list-style-type: none"> - inverse square law. - dB - relationship: temp and sounds? - periodic functions - sound?? waves? - wave speed. - frequency/wavelength.