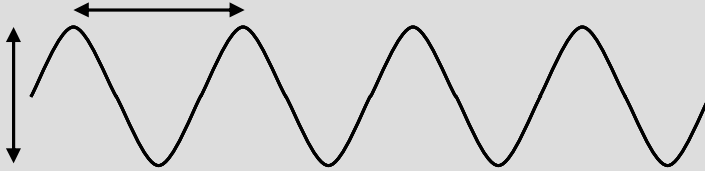


Date Due _____

Sound and Light

1. Mark on this wave “wavelength (m)” and “amplitude (Db)”.



Delete as appropriate

Changing the wavelength changes the **pitch/volume** of the wave.

Changing the amplitude changes the **pitch/volume** of the wave.

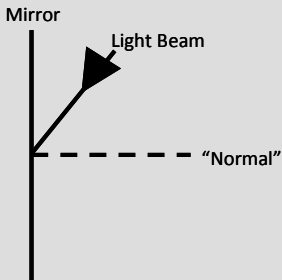
2. What is frequency?

3. How does a tuning fork produce sound?

4. RESEARCH ONLINE: what is the difference between “reflection” and “refraction”?

3. Complete the diagrams below to show the path of the light when it...

Reflects from a mirror



Travels down an optical fibre

