* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: is a wave that vibrates particles of matter
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_: a rapid back and forth movement
* Sound is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ wave meaning \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Is there sound in space? \_\_\_\_\_\_\_ because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ effects the speed of sound
* **Speed of Sound in Different Mediums:** In order for particles to vibrate in a wave, one particle must then \_\_\_\_\_\_\_\_\_\_ the next particle to pass on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and continue the wave. Solids- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Gases – \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Speed of Sound in Different Temperatures:** Higher temp. – \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Lower temp. - \_\_\_\_\_\_\_\_\_\_\_\_
* **Amplitude/Intensity/Loudness:** Amplitude determines intensity, which is just how \_\_\_\_\_\_/\_\_\_\_\_\_ sound is.

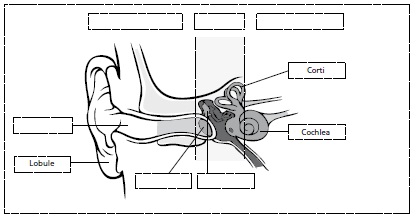
High amplitude = \_\_\_\_\_\_\_\_\_\_\_\_ intensity = \_\_\_\_\_\_\_\_\_\_\_ energy = \_\_\_\_\_\_\_\_\_\_\_\_

Low amplitude = \_\_\_\_\_\_\_\_\_\_\_\_\_ intensity = \_\_\_\_\_\_\_\_\_\_\_ energy =\_\_\_\_\_\_\_\_\_\_\_\_\_

* **Decibels (dB)** = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Pitch:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_; measured in \_\_\_\_\_\_\_\_\_\_\_(waves per second)

Low frequency = \_\_\_\_\_\_\_\_ pitch; example: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

High frequency = \_\_\_\_\_\_\_\_\_ pitch; example: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* **Echo:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Uses of Sound:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sound waves are sent. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ “catches the sound waves”. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ takes the sound waves and “\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_” the eardrum. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ sends the messages to the brain and helps with balance. The \_\_\_\_\_\_\_\_\_\_\_\_\_ puts it together to interpret what you are hearing.