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Intro to Sound

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| **Across****2.** The amount of periods or cycles over a time**4.** Synonym for amplitude**5.** The second highest wave in a complex sound is the 1st \_\_\_\_\_\_\_\_\_\_\_\_\_**11.** Perceived highness or lowness of a sound**12.** A sound is so loud, it blocks another**15.** Interference where the TOP of one wave mixes with BOTTOM of another**16.** Distance from rest to furthest point away in a wave**18.** The natural frequency a mass vibrates the most with the least decay**19.** Experience of intensity of a sound**20.** A wave of constant amplitude and period | **Down****1.** Force on a surface area (Micropascals)**3.** Length from a point on one wave to the same point on the next**6.** Finding the source of a sound**7.** Resistance to passing on sound energy**8.** The second highest wave in a complex sound is the 2nd \_\_\_\_\_\_\_\_\_\_\_\_\_ **9.** Interference where the TOP of one wave mixes with the TOP of another**10.** Capacity to exert a force (watt)**13.** Gradual decay (becoming weak) of a wave **14.** The lowest frequency in a complex sound (First word)**17.** Expended energy (erg or Joule) |

   Resonance       Cancellation       Reinforcement       Pressure       Work       Power       Period       Amplitude       Sinusoidal       Fundamental       Harmonic       Overtone       Pitch       Loudness       Localization       Masking       Impedance       Damping       Intensity        Frequency