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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Sound crossword puzzle

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| **Across**  **2.** What is the change in frequency or sound as the source and the observer move closer  **8.** The cooler the medium the \_\_\_\_ speed  **9.** What are the 3 parts of the ear?  **10.** All sound waves require a.. | **Down**  **1.** What do decibels do  **3.** Pitch is determined by what of a sound wave  **4.** 120 decibels or higher is known to be..  **5.** The hotter the medium the \_\_\_\_\_\_ speed  **6.** Sound travels fastest through a..  **7.** How many decibels are in a whisper |