

Exploring Sound

PreTest

1. The highness of a sound is the sound's _____ .
 - A. pitch
 - B. loudness
 - C. vibration
 - D. resonance

2. Decide if each object listed below is a "sound source", "sound receiver", or "both". Write the name of the objects in the correct box.

television

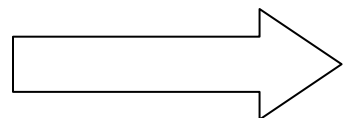
telephone

microphone

dog's ear

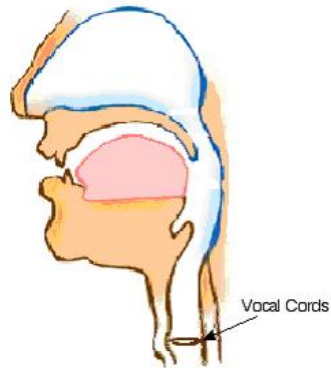
whistle

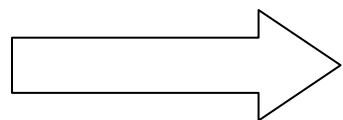
Sound maker	Sound receiver	Both



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3. How do our vocal cords help us to make sounds?





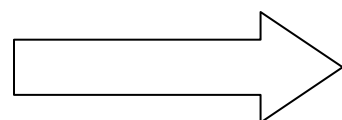
4. Look at the pictures of the musical instruments below.



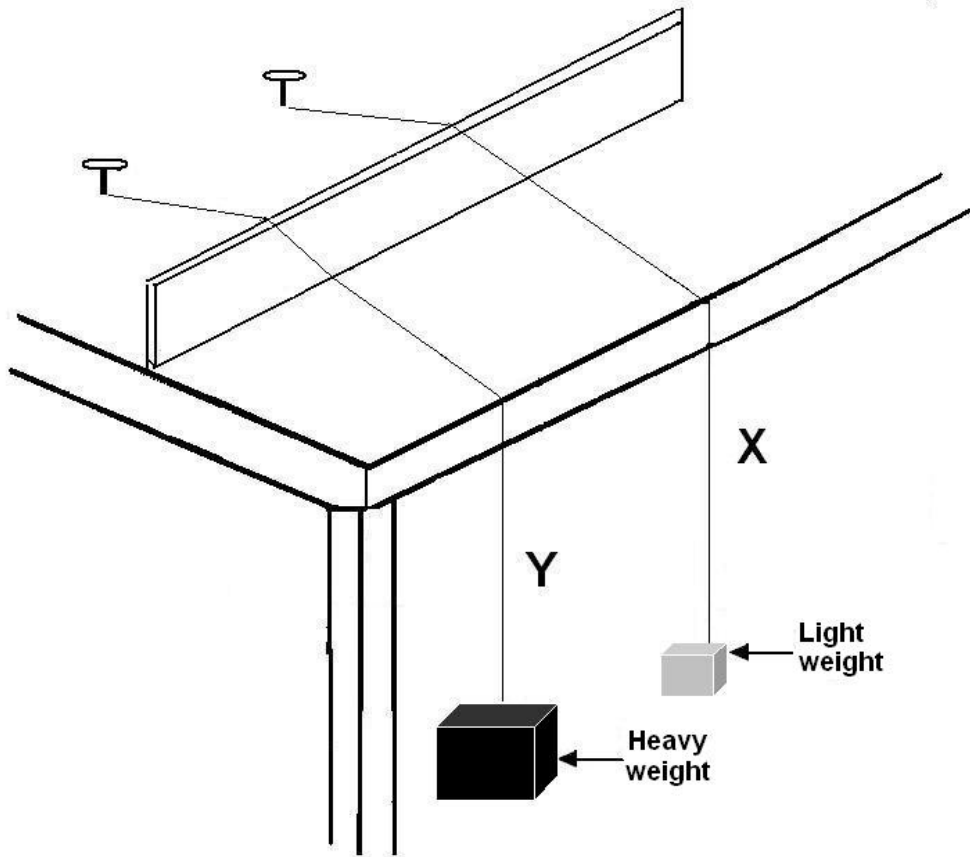
A. How do the instruments make sound?

B. Put the letter "L" under the instrument that can play the lowest notes.

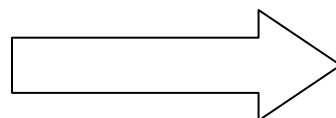
C. Why do you think it can play the lowest notes?



5. A student set up this experiment to learn more about sound. She used two fishing lines of the same length. She attached both lines to the table in the same way. She put a light weight on string X and a heavy weight on string Y.

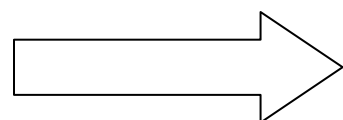
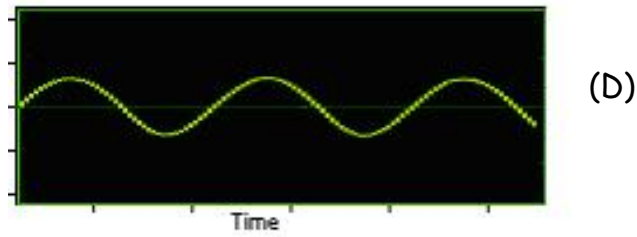
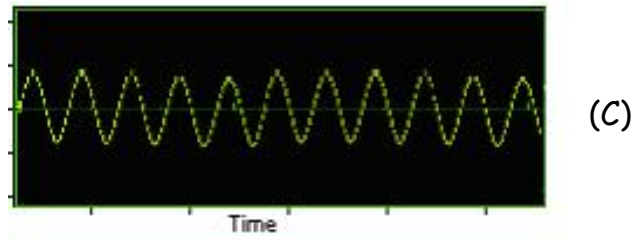
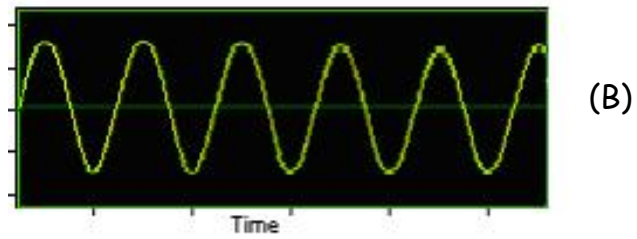
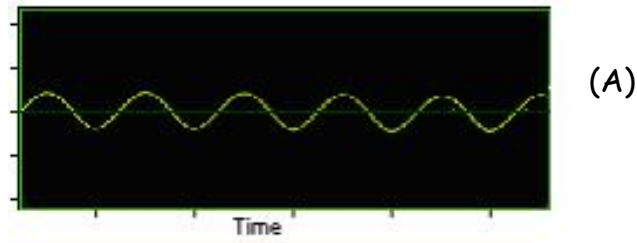


Then she plucked the strings. Tell how the two sounds are different from each other.



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6. Circle the letter next to the sound wave that shows the LOUDEST sound.



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7. Circle the letter next to the sound wave that shows the LOWEST pitch sound.

