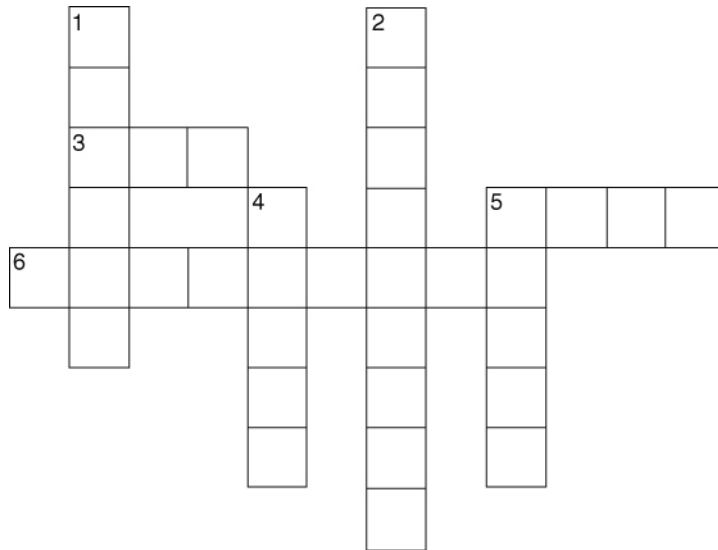


Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Use the clues to complete the crossword.



**Across**

- 3 A sound wave with a low frequency makes a sound with a \_\_\_\_ pitch.
- 5 A loud sound has a \_\_\_\_\_ volume
- 6 A word that describes the size of vibrations.

**Down**

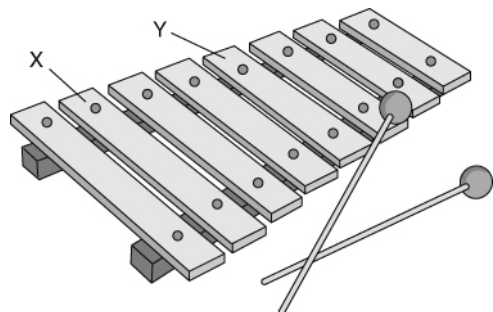
- 1 Another word for the intensity of a sound.
- 2 A word that describes the number of vibrations per second.
- 4 A word that describes how high or low a note sounds.
- 5 The unit for measuring the number of vibrations per second.

2 A bell makes a sound when you hit it.

- a How can you make a louder sound? \_\_\_\_\_
- b How does this change the vibrations of the bell? \_\_\_\_\_

3 You make a sound using a xylophone by hitting bar Y.

- a How will it sound different if you hit bar X?  
\_\_\_\_\_
- b Will bar X or bar Y vibrate with the higher frequency? \_\_\_\_\_
- c Explain your answer to part b.  
\_\_\_\_\_  
\_\_\_\_\_



**I can...**

- recall some words connected with sound
- describe how to make sounds louder or higher.