

Name:

Date:

Class:

Measuring Sound Waves Worksheet **Answer Key**

1. My instrument had ___ **depends on what they made** ___ strings.
2. It is ___ **depends on instrument** ___ inches tall.
3. It is ___ **depends on design** ___ inches wide.
4. My biggest soundwave was ___ **depends on design** ___ inches wide.
5. My smallest soundwave was ___ **depends on design** ___ inches wide.
6. The longest distance between my waves was ___ **depends on design** ___ inches.
7. The shortest distance between my waves was ___ **depends on design** ___ inches.
8. Do you think that your smaller soundwaves mean they are:
 - a. Louder
 - b. Quieter**
9. Do you think that your bigger soundwaves mean they are:
 - a. Louder**
 - b. Quieter
10. What do you think seeing the vibrations that sound makes can teach us about how sound travels?

It can tell show us that bigger vibrations create louder sounds and smaller vibrations create quieter sounds.