Year 2 Science: Sound: vibrations, loudness and high and low

Name: _____ Date: _____

Try these without your notes first, then check the answer key.

Practice

1. What has to happen to make any sound?

2. You pluck a string harder. What happens to the sound?

3. Which has a higher frequency: a whistle or a big drum?

4. Which makes a voice from the next room harder to hear: an open door or a thick, closed curtain?

5. In Room 8's test, was the tap clearer with an ear on the table or in the air?

Fix the mistake

6. Correct this statement: "A whistle is high because it is loud."

7. Correct this statement: "Sound can only travel through air."

8. Correct this statement: "Putting a pillow over a speaker makes it louder."