

Name: _____ Date: _____

Sounds Right Quiz Answers

1. How does our sense of hearing work?

Sound makes the ear drum move, and this movement is amplified by the middle ear. This amplified movement causes fluid in the inner ear to move, and the hairs in the inner ear convert movement into electrical impulses that are sent to the brain.

2. Why do we have two ears?

Two ears enable us to determine the direction of the sound we hear because sounds from one side take longer to travel to the farther ear.

3. In the activity using the stethoscope, how did your ears sense the locations of the taps?

If a tap is closer to one ear, the sound takes a shorter time to travel to that ear, and that ear signals faster to the brain, which figures out the location.