



Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Quiz

Instructions: Answer each question.

- Your ears:
  - collect and process sounds
  - send signals to your brain
  - help you keep your balance
  - all of the above
- True or false: Earwax contains chemicals that fight off infections (germs) that could hurt the skin inside the ear canal.
- True or false: People who are exposed to loud noises over long periods of time might lose their hearing permanently.
- True or false: Listening to loud music using earbuds can damage your hearing.
- Fill in the blanks using the Word Bank at the bottom of the page:

The main job of the outer ear is to collect \_\_\_\_\_. The middle ear takes sound \_\_\_\_\_ and turns them into \_\_\_\_\_ that are delivered to the inner ear. When sound reaches the inner ear, the vibrations (sounds) cause tiny \_\_\_\_\_ on the cells to move, creating \_\_\_\_\_ signals that the \_\_\_\_\_ understands as sound. The brain puts it all together and that's how you hear and process sounds.

### Word Bank

*brain*

*hairs*

*nerve*

*sound*

*vibrations*

*waves*