Ears are the organs used for hearing. They turn vibrations in the air into signals for your brain. Anything that moves will cause the air to vibrate. These vibrations, which are called sound waves, are sensed by the ears.

The outer ear is the visible part of the ear that sticks out from the head. Its shape helps sound waves enter the ear canal. The ear canal is the hole in the outer ear that leads to the eardrum. Deep inside the ear, sound waves cause the eardrum to vibrate.

Behind the eardrum are three tiny bones called the hammer, the anvil, and the stirrup. The eardrum's vibrations cause the bones to move. Nerves deep inside the ear pick up the vibrations. The nerves turn these vibrations into electric signals that are carried to the brain.

1. Ears stick out of the head
   - **a** because the nose does.
   - **b** to pick up sound better.
   - **c** to hang glasses on.
   - **d** because the brain is inside.

2. After passing the eardrum, where else do vibrations go?
   - **a** To the ear canal
   - **b** To the hammer, anvil, and stirrup
   - **c** To the nerves
   - **d** Both **b** and **c**

3. Sound waves are caused by
   - **a** anything that moves.
   - **b** the eardrum.
   - **c** vibrations in the air.
   - **d** the hammer bone.

4. This article is mostly about
   - **a** ear canals.
   - **b** the brain.
   - **c** hearing.
   - **d** organs.

5. The ear is like the heart or lungs because
   - **a** it is also an organ.
   - **b** of its shape.
   - **c** it is on the head.
   - **d** people cannot live without it.

6. The eardrum
   - **a** is deep inside the ear.
   - **b** makes the outer ear vibrate.
   - **c** carries signals to the brain.
   - **d** Both **a** and **b**

7. Which statement is false?
   - **a** Nerves send signals to the brain.
   - **b** The ear canal is the hole in the outer ear.
   - **c** Ears make sound waves.
   - **d** The eardrum is at the end of the ear canal.

SAMPLE

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1 Violet 3b Rate Builder Key Card

1 b

2 d

3 a

4 c

5 a

6 a

7 c

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