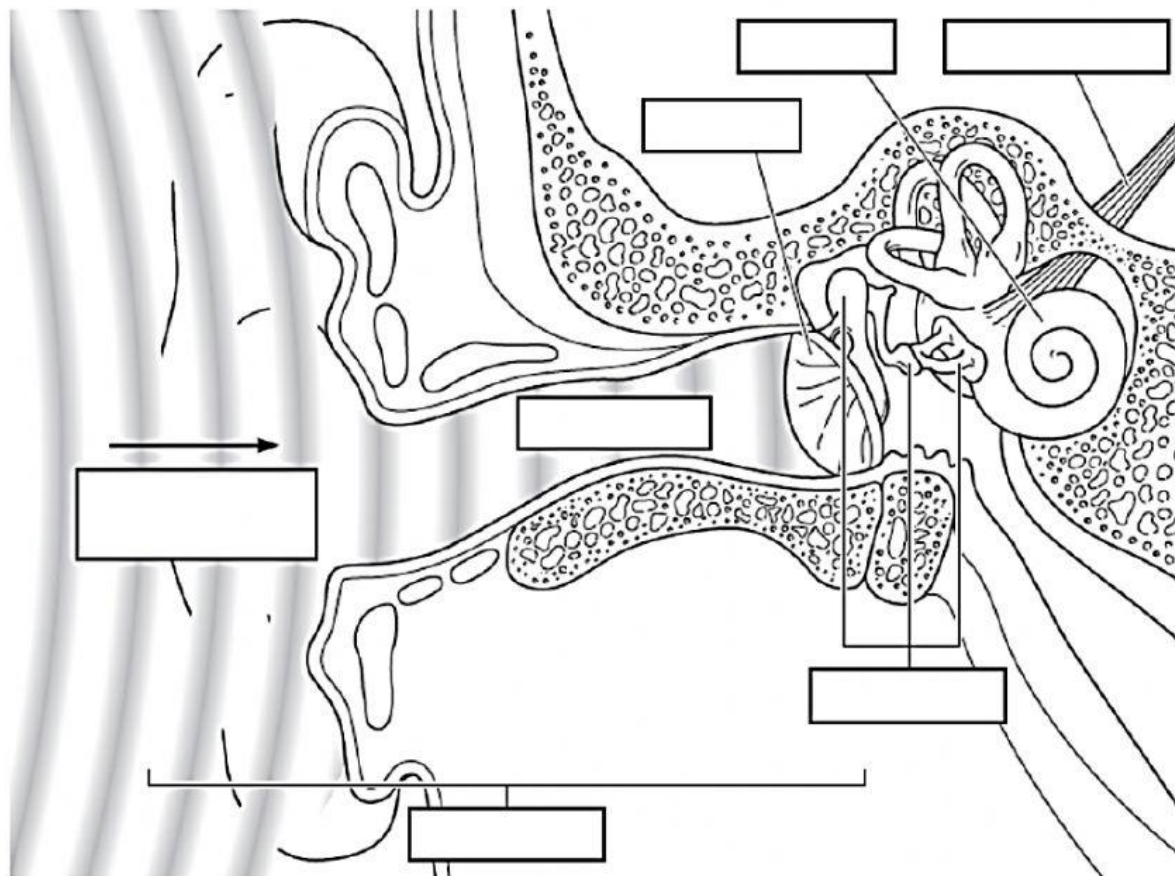


NAME: _____ DATE: _____
HEARING AND THE EAR

1 Fill in the label boxes in the diagram with words from the box.

ear drum auditory nerve outer ear
sound waves travelling ear canal ear bones cochlea



2 Write the correct words from the list above next to each of these statements:

- a Sound vibrations travel through the air. _____
- b The sound waves are funnelled into the ear by this. _____
- c The sound waves travel along this. _____
- d This part starts to vibrate. _____
- e These small bones pass the vibrations to the cochlea. _____
- f This spiral tube contains a liquid and sense cells. _____
- g This nerve carries electrical signals to the brain. _____

- 3 Copy and complete the summary below using words from the box.

Something vibrates to produce a sound. Sound travels through _____ to the ear. When the vibrations reach the eardrum they are transferred to the small _____ called the hammer, anvil and stirrup. The bones pass the vibrations to the _____. This contains sense cells which change the vibrations to _____ signals called impulses. The auditory nerve takes the message to the brain. We hear the sound when the message reaches the _____. If there are no particles to produce _____, we will not hear the sound.

air bones brain cochlea electrical impulses vibrations
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