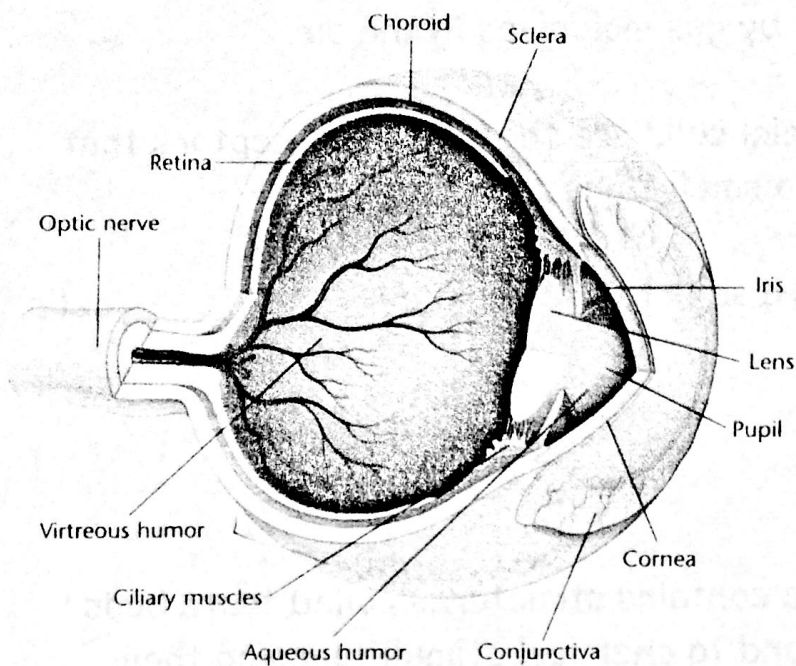


## Section 5.2 - The Senses

### Vision - The Eyeball



### Sensory Receptors

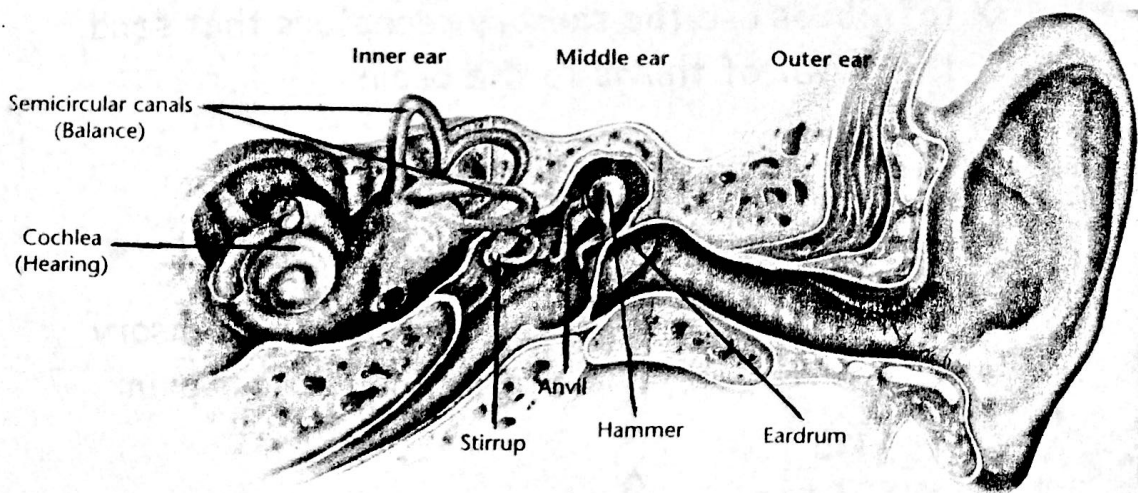
Retina -

Rods -

Cones -

◇ Images are sent to the brain by the \_\_\_\_\_ nerve.

### Hearing - The Ear

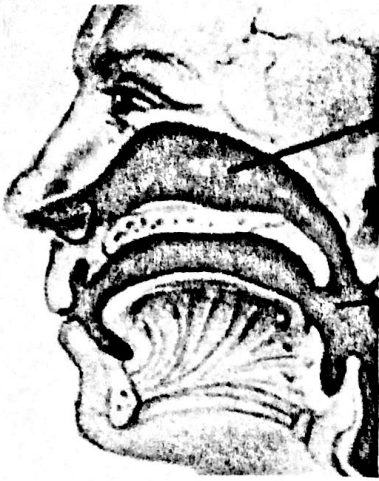


Cochlea -

Three bones found in the middle ear are called the \_\_\_\_\_, \_\_\_\_\_ and the \_\_\_\_\_.

◇ Sound is sent to the brain by the \_\_\_\_\_ nerve.

## Smell - The Nose

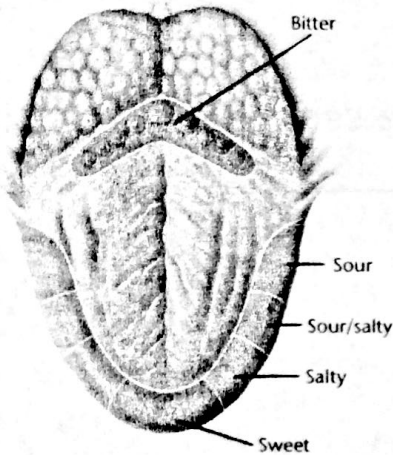


The nasal cavity contains special cells that are stimulated by gas molecules in the air.

These special cells are the sensory receptors that allow you to smell things.

◇ Odors are sent to the brain by \_\_\_\_\_ cells.

## Taste - The Tongue

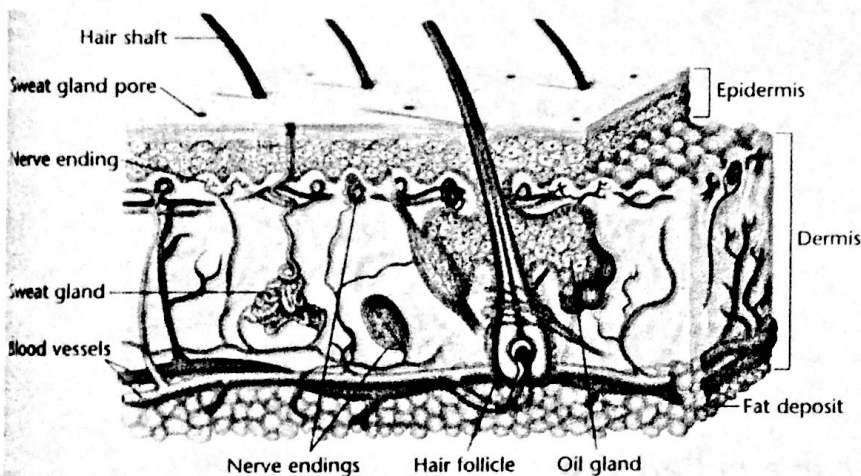


The tongue contains structures called taste buds. They respond to chemical stimuli touching them.

There are about \_\_\_\_\_ taste buds on your tongue.

◇ Tastebuds are the sensory receptors that send the flavor of things to the brain.

## Touch - The Skin



List the four types of sensory receptors found in your skin:

- ◇ \_\_\_\_\_
- ◇ \_\_\_\_\_
- ◇ \_\_\_\_\_
- ◇ \_\_\_\_\_