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Grade 4-Sensing the World Around Us

1. What kinds of receptors allow people to see the world?
 - A. auditory receptors
 - B. olfactory receptors
 - C. photoreceptors
 - D. skin receptors

2. Based on what you read, how do memories form?
 - A. Olfactory receptors process and store information provided by the brain.
 - B. Photoreceptors process and store information provided by the brain.
 - C. Sense receptors process and store information provided by the brain.
 - D. The brain processes and stores information provided by sense receptors.

3. What is responsible for our hearing?
 - A. skin receptors/fingertips
 - B. auditory receptors/hair cells
 - C. photoreceptors/eyes
 - D. olfactory receptors/noses

4. Sound waves enter through our outer ear and cause the eardrum to vibrate. Then, the three bones in our middle ear pass these vibrations on to the _____.
 - A. cochlea
 - B. receptors
 - C. retina
 - D. rods and cones

5. Why do police officers use dogs to sniff out whatever it is they are looking for? Police dogs ...
 - A. have receptors on their feet.
 - B. have 17,000 taste buds on their tongues.
 - C. have about two billion olfactory receptors.
 - D. have few taste receptors.

6. Compare one animal's sense receptors with human sense receptors. What is the same/different about them?