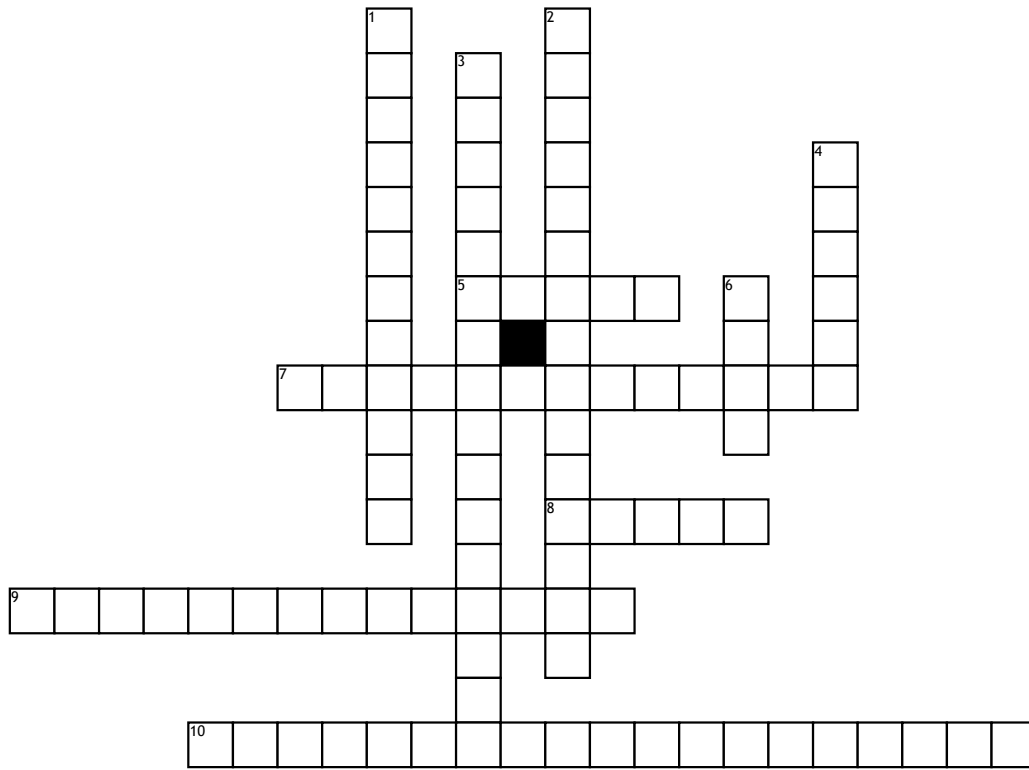


The Five Senses (Touch)



Across

- 5. a whitish fiber or bundle of fibers that transmits impulses of sensation to the brain or spinal cord, and impulses from these to the muscles and organs.
- 7. detect pain or stimuli that can or does cause damage to the skin and other tissues of the body.
- 8. come so close to (an object) as to be or come into contact with it.
- 9. sense the position of the different parts of the body in relation to each other and the surrounding environment.
- 10. huge network of nerve endings and touch receptors in the skin.

Down

- 1. come so close to (an object) as to be or come into contact with it.
- 2. perceive sensations related to the temperature of objects the skin feels.
- 3. these receptors perceive sensations such as pressure, vibrations, and texture.
- 4. the bottom layer of skin that sends messages to your brain about different sensations.
- 6. is a long slender projection of a nerve cell, or neuron, that conducts electrical impulses away from the neuron's cell body or soma.

Word Bank

- | | | |
|----------------------|----------------|-----------------|
| mechanoreceptors | nerve | thermoreceptors |
| pain receptors | proprioceptors | nerve endings |
| somatosensory system | dermis | touch |
| axon | | |