

Sensing the Environment

Name:

Period:

Use Chapter 17, Section 2 of your textbook to answer the questions below.

Section 2: Sensing the Environment (p.534)

1. If someone touches you, _____ send that information to your brain.

_____ 2. What do you call the awareness caused when sensory messages reach the brain?
a. reception b. recognition c. sensation d. information

Sense of Touch (p.534)

3. Sensory receptors in your _____ tell you if you have been touched.

4. The _____ system forms a protective covering on the outside of the body.

_____ 5. Look at Figure 1. Which of the following would NOT be sensed by skin receptors?
a. vibration b. pressure c. pain d. light

Responding to Sensory Messages (p.535)

6. Look at Figure 2. What system is being used by the man's body? The _____ system.

7. Any type of very fast, involuntary action is a _____ .

8. An _____ reflex is faster than a movement you have to think about.

Feedback Mechanisms (p.535)

9. If your brain receives a message that you are hot, it will respond by sending messages for your body to make you _____ and for your blood flow to _____ .

_____ 10. The body's cooling process can be described as which of the following?
a. a reflex b. a somatic response c. a feedback mechanism d. a sensation

