

**The Nervous System** ▪ *Reading/Notetaking Guide***Smell, Taste, and Touch** (pp. 621–623)

*This section explains how your senses of smell and taste work together and how skin is related to your sense of touch.*

**Use Target Reading Skills**

*As you read, identify the main idea of the section and three details that support the main idea. Use the graphic organizer below to list the main ideas and supporting details.*

| Touch     |        |        |
|-----------|--------|--------|
| Main Idea |        |        |
| Detail    | Detail | Detail |
| a.        | b.     | c.     |

**Smell and Taste** (p. 622)

1. What are taste buds?

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2. How do the senses of smell and taste work together?

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3. Is the following sentence true or false? The nose can distinguish at least 100 basic odors. \_\_\_\_\_

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4. List the five main taste sensations.

- a. \_\_\_\_\_ .
- b. \_\_\_\_\_
- c. \_\_\_\_\_ .
- d. \_\_\_\_\_
- e. \_\_\_\_\_

5. Why does food not seem as flavorful when you have a cold?

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**Touch** (p. 623)

6. The sense of touch is found \_\_\_\_\_, making your  
\_\_\_\_\_ the largest sense organ.

7. Where are the receptors that respond to a light touch located, and what do they let you feel?

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8. Is the following sentence true or false? Receptors deep in the skin sense the feeling of pressure.

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9. Why is pain one of the body's most important feelings?

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