



**SHORT ANSWER** Answer the questions in the space provided.

1. How are secondary cell walls different from primary cell walls? \_\_\_\_\_

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2. What are plant cell walls made of? \_\_\_\_\_

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What is the function of cell walls? \_\_\_\_\_

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3. What is the appearance of a plant cell when water is plentiful? \_\_\_\_\_

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4. **Critical Thinking** Bacteria have a region called a nucleoid, in which their genetic material is located. Why, then, are bacteria classified as prokaryotes?

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**STRUCTURES AND FUNCTIONS** Label each part of the figure in the spaces provided.

This diagram represents a typical plant cell.

