

Assessment

Quiz

Section: Introduction to Cells

In the space provided, write the letter of the description that best matches each term.

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|------------------------|---|
| _____ 1. cell membrane | a. cell structure with its own membrane that stores the cell's genetic material |
| _____ 2. cytoplasm | b. cell structure where proteins are made |
| _____ 3. nucleus | c. layer that forms the boundary between the inside and outside of a cell |
| _____ 4. ribosome | d. the fluid inside a cell and all of the structures within the fluid |

Write *ct* next to all of the statements that are part of the cell theory. Leave the other statements blank.

- _____ 5. Cells come in many different sizes.
- _____ 6. All cells arise from existing cells.
- _____ 7. A cell's shape reflects its function.
- _____ 8. All living things are made up of one or more cells.
- _____ 9. Cells are the basic units of structure and function in organisms.

In the space provided, write the letter of the phrase that best answers each question.

- _____ 10. Who first discovered cells?
- a. scientists who wanted to confirm the cell theory
 - b. scientists looking at skin cells through microscopes
 - c. scientists looking at living plants through microscopes
 - d. scientists looking at cork and pond water through microscopes
- _____ 11. Why can eukaryotes carry out more specialized functions than prokaryotes can?
- a. Eukaryotes have more organelles.
 - b. Prokaryotes have more organelles.
 - c. Eukaryotes are bigger.
 - d. Prokaryotes are bigger.