

Cell Biology

Name: _____

Cell Wall and Cell Membrane

Period: _____

Use Chapter 4, Section 2 of your textbook to answer the questions below. The word banks can be used to fill out the sentences below them.

alive allowing animal cell membrane cell wall cellulose nutrients plant waste

Section 2: Eukaryotic Cells (p.120)

1. Eukaryotic cells have many parts that help the cell to stay _____.
2. Two main types of eukaryotic cells are _____ cells and _____ cells.

Cell Wall (p.120)

3. The structure found on the outside of every plant cell is called the _____.



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4. The cell walls of plants and algae are made of _____.
5. What is one part that plant cells have that animal cells don't have?
a. cell wall b. nucleus c. ribosomes d. cytoplasm

Cell Membrane (p.121)

5. A _____ separates the things inside a cell from the things outside the cell.
6. The cell membrane is always on the outside of every cell. (True or False?) _____
7. A cell membrane protects its cell by not _____ materials to pass through it.
8. What two things must be able to go through a cell membrane?
_____ and _____



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9. How does food go in and waste go out of a cell membrane?
a. through carbohydrate passageways c. through carbon passageways
b. through cellulose passageways d. through protein passageways