

Cell Biology

Name: _____

Cell Wall and Cell Membrane

Period: _____

Use Chapter 4, Section 2 of your textbook to answer the questions below. The word bank can be used to fill out the sentences below. A* means a two word answer.

alive allowing animal cell membrane cell wall cellulose nutrients plant
protect 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 _____.*
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)

6. A _____ separates the things inside a cell from the things outside the cell.*
7. The job of the cell membrane is to _____ the cell.
8. The cell membrane is always on the outside of every cell. (True or False?) _____
9. A cell membrane protects its cell by not _____ materials to pass through it.
10. What two things must be able to go through a cell membrane?
_____ and _____
11. 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

