

Name _____ Period _____ Date _____

Cell Parts and Functions

Select the correct cell parts listed below to fill the blanks of the sentences or spaces that follow:

| | | | |
|---------------|------------------|---------------|-----------------------|
| Cell membrane | Cytoplasm | Golgi complex | chloroplast |
| Nucleus | nuclear membrane | centriole | chromatin |
| Cell wall | nucleolus | lysosomes | endoplasmic reticulum |
| Mitochondria | vacuole | ribosomes | |

1. The _____ is known as the brain or control center of the cell and has genes.
2. It is an intracellular transport system and is made of a series of channels (from the nucleus to cell membrane) throughout the cytoplasm of the cell. _____.
3. Structures normally found in animal cells, not in plant cells and are involved in animal cell reproduction. _____.
4. Involved in making ribosomes in the cell, this structure is located in the nucleus. _____.
5. The structure is the outer covering of a cell and is involved in regulating the movement of materials (food, gases, elements) in and out of the cell. _____.
6. Cellular respiration occurs in this organelle because this produces energy (ATP) for cell activities. Sometimes it is called the "powerhouse of the cell", the organelle is the _____.
7. The double membrane surrounding the nucleus that controls what enters and leaves it, is called the : _____.
8. Structures that contain digestive enzymes are _____.
9. Outside the cell membrane of a plant cell is the _____ that also serves as support and protection for the cell.
10. Enzymes are proteins, and proteins are produce in this organelle _____.
11. Sacs storing water, wastes and food are storage chambers in the cell. _____.
12. Structure found in plants, but not animal cells, that carries out photosynthesis is the _____.
13. DNA material located in the nucleus of the cell is known as _____ and during mitosis it changes and can be seen as chromosomes.
14. The _____ is area outside the nuclear membrane but inside the cell membrane, and cell parts are located .
15. The structure of the cell that prepares and packages proteins for use within the cell or shipment outside the cell. _____.