

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. \_\_\_\_\_.