

CELL STRUCTURES AND FUNCTIONS

NAME _____

BLOCK _____

DATE _____

____ /20

Matching (8 marks) Select the letter of a single description that best fits the function of each of the following organelles in the cell. Not all the descriptions will be used.

<input type="checkbox"/> 1. Nucleus	A. Contains the genetic information of the cell
<input type="checkbox"/> 2. Vacuole	B. Used for storage of water, food and waste in the cell
<input type="checkbox"/> 3. Golgi Apparatus	C. Controls the functions of the cell
<input type="checkbox"/> 4. Endoplasmic Reticulum	D. Support and Protection for the plant cell
<input type="checkbox"/> 5. Ribosome	E. Produces chemical energy for the plant cell
<input type="checkbox"/> 6. Mitochondria	F. Produces proteins for the cell
<input type="checkbox"/> 7. Chloroplast	G. Controls the materials coming in and out of the cell
<input type="checkbox"/> 8. Cell Membrane	H. Fluid inside the cell that organelles and materials float around in
	I. Transports and stores materials in the cell and connects some organelles together
	J. Used for storage, protein packing and shipping
	K. Produce chemical energy for animal and plant cells

Word Bank

mitochondrion chloroplast

ribosome rough endoplasmic reticulum

smooth endoplasmic reticulum Golgi apparatus

nucleus cell wall

cell membrane

vacuole

lysosome

chromosomes

central vacuole

cytoplasm

Label the indicated parts of the cell.

Please fill in the blank with the appropriate answer. Use the word bank on the previous page to help you answer the questions.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

11. The cell on the left hand side of the page is a(n) _____ cell.

12. The cell on the right hand side of the page is a(n) _____ cell.

