

What's your function?

Name: _____

Date: _____ Per: _____

Organelles are small parts of a cell that perform a specific function within the cell. Using the list of organelles from the board, complete the following chart. You can not use your book or notes for the first 5 minutes.

Organelle	Function
Nucleus	holds DNA
Endoplasmic reticulum	helps to make proteins "factory"
Ribosome	makes proteins "workers"
Golgi complex	Packages proteins "UPS center"
Chloroplast	converts light to glucose
Lysosome	digests/breaks down wastes
Mitochondria	Converts glucose to ATP "Power plant"
Vacuole	Used for storage (H ₂ O in plants)

Skills Worksheet

Reinforcement

Building a Eukaryotic Cell

Complete this worksheet after you finish reading the section "Eukaryotic Cells." Below is a list of the features found in eukaryotic cells. Next to each feature, write P if it is a feature found only in plant cells and a B if it is a feature that can be found in both plant and animal cells.

- | | |
|-----------------------------------|---------------------------|
| <u>B</u> 1. endoplasmic reticulum | <u>B</u> 7. Golgi complex |
| <u>B</u> 2. mitochondria | <u>P</u> 8. cell wall |
| <u>B</u> 3. nucleus | <u>B</u> 9. vesicles |
| <u>B</u> 4. cell membrane | <u>B</u> 10. DNA |
| <u>B</u> 5. cytoplasm | <u>B</u> 11. nucleolus |
| <u>B</u> 6. ribosomes | <u>P</u> 12. chloroplasts |

In the space provided, label the structures of the eukaryotic cell drawn below. include only the structures that you labeled B.

