

1. You should know the differences between **prokaryotic and eukaryotic cells**. Put a check mark in the correct column. (Some may have checks in both columns)

	Prokaryotic	Eukaryotic
Nucleus		
No Nucleus		
DNA		
Mitochondria		
Plant Cell		
Animal Cell		
Bacteria		
Ribosomes		

3. **Plant vs animal cells**. Put a check mark in the correct column. (Some may have checks in both columns)

	Plant Cell	Animal Cell
Chloroplast		
Centrioles		
Large Vacuole		
Cell Wall		
Nucleus		
Cilla/Flagella		
Mitochondria		

3. What are the three parts of **the cell theory**?

4. Functions of cell organelles

Matching: Match the terms on the right with the functions listed on the left.

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|--|--------------------------|
| ___1. Makes ATP (energy). | a. cell membrane |
| ___2. Make proteins. | b. centriole |
| ___3. Makes ribosomes. | c. chromatin |
| ___4. Transports materials throughout the cell. | d. endoplasmic reticulum |
| ___5. Helps in cell division. | e. golgi apparatus |
| ___6. Packages proteins and some polysaccharides. | f. lysosomes |
| ___7. Dissolves food particles ingested by the cell. | g. mitochondria |
| ___8. Stores food, water, and wastes. | h. chloroplast |
| ___9. Made of DNA, instructions for the cell. | i. cell wall |
| ___10. The control center of the cell. | j. nucleolus |
| ___11. Controls what enters and leaves the cell. | k. nucleus |
| ___12. Makes sugar (photosynthesis) | l. ribosomes |
| ___13. Provides support and structure to the cell. | m. vacuoles |