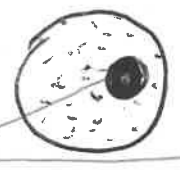





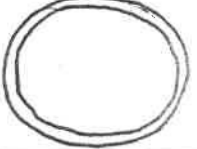
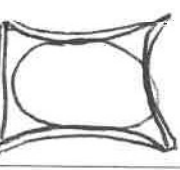






Name: Key
 Bik: _____ Date: _____

Cell Organelles

You are to read in your textbook pages 122-124 fill in the table below:

Organelle	Structure (what does it look like? Draw a diagram)	Function (what does it do?)	In Animals, Plants or Both?
Nucleus <i>nucleolus</i>		controls all activities within a cell, holds DNA • makes ribosomes	Both
Mitochondrion		energy producers; carry out cellular respiration to produce energy	Both
Ribosomes		assemble proteins (not membrane bound)	Both
Endoplasmic Reticulum		assemble proteins	Both
Golgi Body		sorts and packages proteins into membrane-wrapped structures	Both
Vacuole		temporary storage compartments that sometimes store waste.	Both.
Cell Membrane		thin covering that surrounds + protects the cell + it's organelles	Both
Cell Wall		gives the plant cell a regular (rigid) box like shape → protects the cell.	Plant
Chloroplast		trap the energy from the sun & change it into chemical	Plant

Organelle	Structure (what does it look like? Draw a diagram)	Function (what does it do?)	In Animals, Plants or Both?
Chloroplast		traps energy from the sun + makes sugar	Plants
Lysosome		contain digestive enzymes for digestion + waste removal	Both
Vesicles		transport new proteins in/out of the cell	Both

Cellular Respiration (in mitochondria)

Photosynthesis (in chloroplasts)