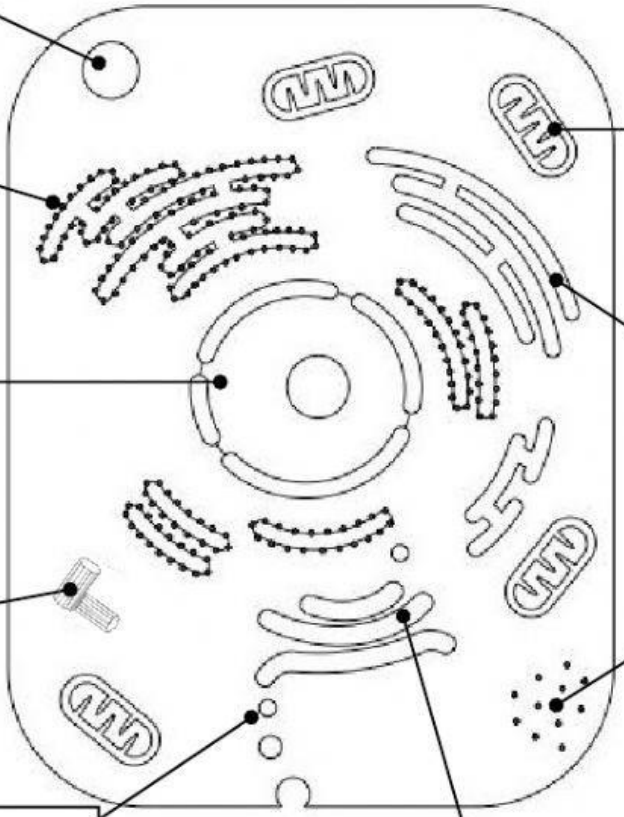
Name _____ Date _____ Practicum _____

DRAG-AND-DROP

THE ANIMAL CELL

Vacuole	Golgi body	Lysosome
Nucleus	Centriole	Smooth Endoplasmic Reticulum
Ribosome	Rough Endoplasmic Reticulum	Mitochondrion



_____
These are membranous sacs that are used for storing organic molecules in the cells.

_____
These have ribosomes attached at the outer surface of the membrane. It involves in intracellular transport of proteins.

_____
The double-membrane bound organelles that houses the DNA of a cell. It directs the synthesis of ribosomes and proteins.

_____
Non membranous and small cylindrical structures that are found in pair that helps in spindle fibers formation during cell division.

_____
These are membranous sacs that contains hydrolytic enzymes (lysozymes) that can digest macromolecules.

_____
The rod-shaped and double-membrane bound organelles that are site of respiration to produce ATP/energy.

_____
These have no ribosomes. It is the site of lipid synthesis. It is also site of carbohydrate metabolism and detoxification of drugs in liver cells.

_____
Small and non-membranous organelles that synthesize proteins.

_____
Stack of flattened membranous sacs/cisternae that help modify, process and store substances synthesized in the rough and smooth endoplasmic reticulum.

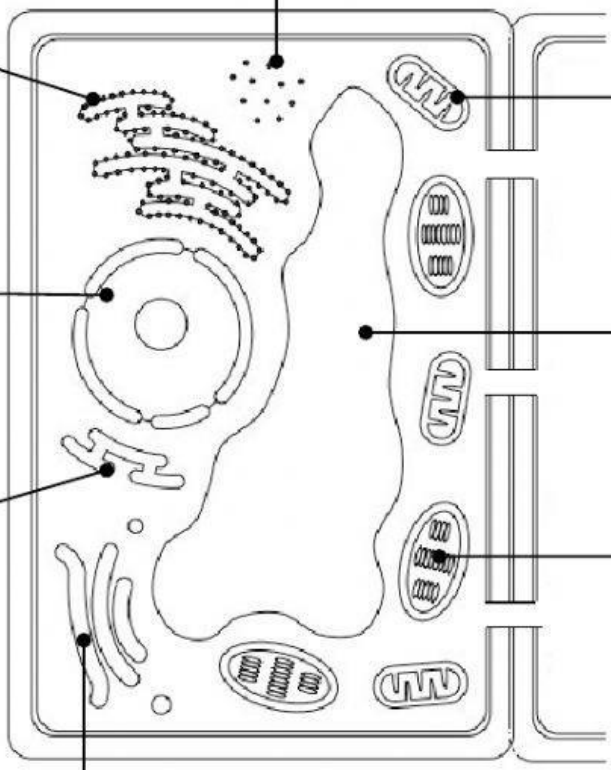
LIVEWORKSHEETS

Name _____ Date _____ Practicum _____

DRAG-AND-DROP

THE PLANT CELL

Central vacuole	Golgi body	Chloroplast
Nucleus		Smooth Endoplasmic Reticulum
Ribosome	Rough Endoplasmic Reticulum	Mitochondrion



_____
Small and non-membranous organelles that synthesize proteins.

_____
These have ribosomes attached at the outer surface of the membrane. It involves in intracellular transport of proteins.

_____
The rod-shaped and double-membrane bound organelles that are site of respiration to produce ATP/energy.

_____
The double-membrane bound organelles that houses the DNA of a cell. It directs the synthesis of ribosomes and proteins.

_____
Single membrane bound organelles that stores waste, water, and nutrients. (Most plants cells only have one of it.)

_____
These have no ribosomes. It is the site of lipid synthesis. It is also site of carbohydrate metabolism and detoxification of drugs in liver cells.

_____
The biconvex disc shaped and double-membrane bound organelles that are site of photosynthesis.

_____
Stack of flattened membranous sacs/cisternae that help modify, process and store substances synthesized in the rough and smooth endoplasmic reticulum.

LIVEWORKSHEETS