

Golgi Apparatus

Ribosome

Nucleus

Cytoskeleton

Rough ER

Vacuole

Centrioles

Cytoplasm

Smooth ER

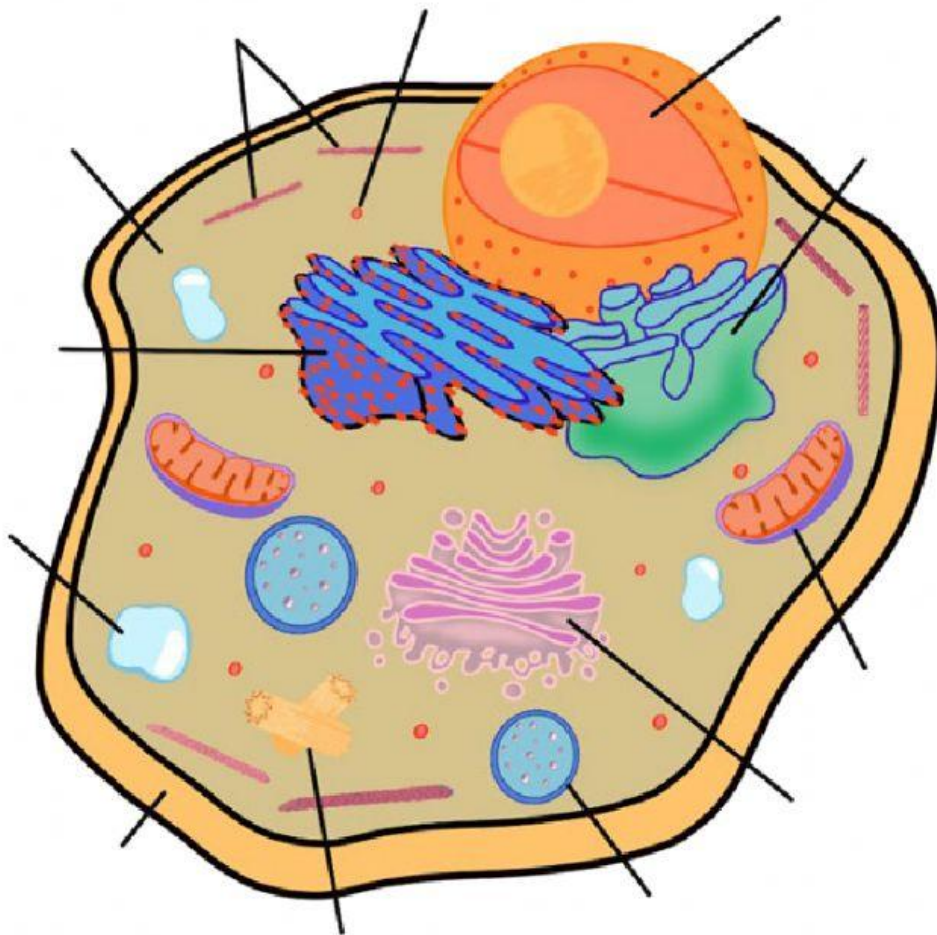
Cell Membrane

Lysosome

Mitochondria

Label the cell as either plant animal or bacteria. Then drag the terms above to the correct organelle on the diagram below.

Cell



Golgi Apparatus

Ribosome

Nucleus

Cell Wall

Rough ER

Vacuole

Chloroplast

Cytoplasm

Smooth ER

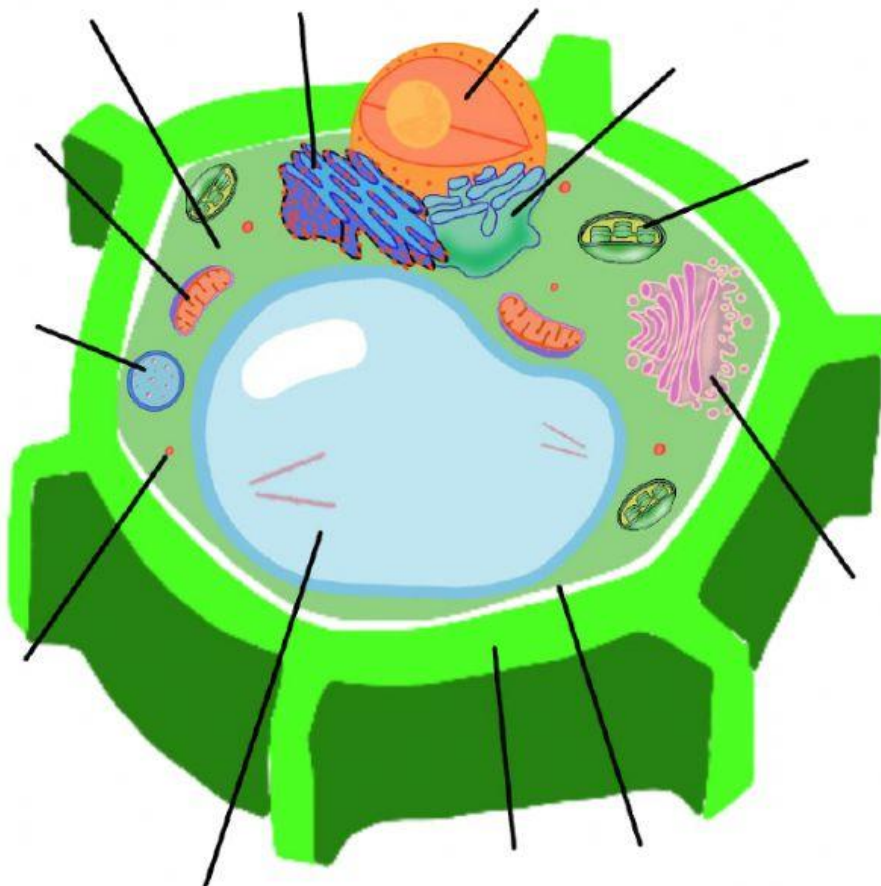
Cell Membrane

Lysosome

Mitochondria

Label the cell as either plant animal or bacteria. Then drag the terms above to the correct organelle on the diagram below.

Cell



Cell Membrane

Ribosomes

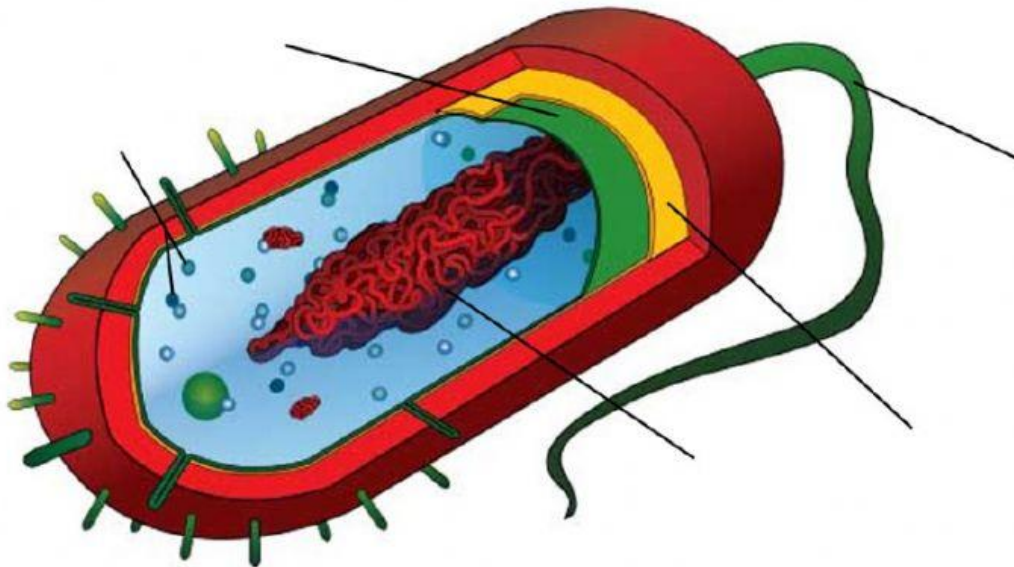
Nucleoid

Cell Wall

Flagellum

Label the cell as either plant animal or bacteria. Then drag the terms above to the correct organelle on the diagram below.

Cell



Organelle Functions (matching) Drag name of organelle to corresponding function listed below.

Cell Wall	Cell Membrane	Flagellum	Nucleus	Nucleoid
Cytoplasm	Nuclear Membrane	Vacuole	Rough ER	Smooth ER
Ribosome	Golgi Apparatus	Chloroplast	Lysosome	Mitochondria

1. \_\_\_\_\_ Loosely packed DNA in a Prokaryotic cell.
2. \_\_\_\_\_ Found in both plant and animal cells; stores food, water, and waste materials.

3. \_\_\_\_\_ Takes simple molecules and combines them to form complex molecules that it then stores for later or ships out of the cell.
4. \_\_\_\_\_ Only found in plant cells and creates food for the plant through photosynthesis.
5. \_\_\_\_\_ Creates proteins and can be found floating around the cell or attached to the rough endoplasmic reticulum.
6. \_\_\_\_\_ Small sac of enzymes that cleans up the cell.
7. \_\_\_\_\_ Attached directly to the nucleus and helps to create proteins.
8. \_\_\_\_\_ The "powerhouse" of the cell that creates energy; some cells have more than others.
9. \_\_\_\_\_ The "brain" of the Eukaryotic cell where DNA is stored.
10. \_\_\_\_\_ The Jell-O like substance that fills the cell.
11. \_\_\_\_\_ Made up of 2 layers and controls what gets in and out of the nucleus.
12. \_\_\_\_\_ Not often found in Eukaryotic cells and helps cells move around.
13. \_\_\_\_\_ Found in all cells and controls what enters and exits the cell.
14. \_\_\_\_\_ Found in Prokaryotic and plant cells; adds an extra layer of support and protection to the cell.
15. \_\_\_\_\_ Important for the creation and storage of fats and steroids.

Fill in the diagram with the levels of organization in an organism from smallest to largest.

Tissue

Organ

Cell

Organism

Organ  
system

