Cells are basic units of structure and function in living things.

The three main parts of the cell theory is that all living things are made of cells, cells are the basic units of structure, and function in living things.

Both: Endoplasmic Reticulum, Cytoplasm, Mitochondrion, Vacuole, Ribosomes, Cell Membrane, Golgi Apparatus, and Nucleus.

Only Plant Cells: Chloroplasts and Cell Walls.

Only Animal Cells: Lysosomes.

Cell Wall- Protects and supports the cell.

Cell Membrane - A barrier that controls substances.

Nucleus - Oversees and directs cell activities.

Endoplasmic Reticulum (ER) and Ribosomes - ER helps make proteins and other things for the body. Ribosomes produce proteins for the cells.

Golgi Apparatus - Packages and distributes protein and materials from the ER.

Mitochondria - Converts food into energy.

Chloroplasts - Makes food from sunlight.

Lysosomes - Breaks big things into smaller things.

Vacuoles - Stores things like water.