**The Cell Theory: PROKARYOTIC CELLS:**



Prokaryotic cell ONLY:

**ALL** cells have:

1.

2.

3.

4.

 **EUKARYOTIC CELLS:**

 **ANIMAL CELL**  **PLANT CELL**

Organelles in **BOTH**:





Animal cell ONLY:

**Remember….FORM RELATES TO FUNCTION (Job determines shape)**

Plant cell ONLY:

|  |  |  |  |
| --- | --- | --- | --- |
| **Organelle** | **Picture** | **Function** | **Animal, Plant or Both** |
| CELL WALL |  |  |  |
| CELL MEMBRANE |  |  |  |
| NUCLEUS |  |  |  |
| RIBOSOME |  |  |  |
| MITOCHONDRIA |  |  |  |
| VACUOLE |  |  |  |
| CHLOROPLAST |  |  |  |
| CENTRIOLES |  |  |  |