**Cells and Organelle Notes**

**Comparison – Based on what you labeled in the animal and plant cells, complete the following comparison chart.**

|  |  |  |
| --- | --- | --- |
| **Plant Cells** | **Both Plant and Animal Cells** | **Animal Cells** |
|  |  |  |

**Organelle Structure and Function**

**Directions: Complete the following chart that defines each organelle.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cell Part** | **Structure**  **(What does it look like? How do you recognize it?)** | **Function**  **(What is its job?)** | **Shopping Mall Analogy**  ***\_\_\_\_\_ is to cell as***  ***\_\_\_\_\_ is to a shopping mall.*** |
| **Nucleus** |  |  |  |
| **Cell membrane** |  |  |  |
| **Cell wall** |  |  |  |
| **Mitochondria** |  |  |  |
| **Vacuole** |  |  |  |
| **Cytoplasm** |  |  |  |
| **Chloroplasts** |  |  |  |
| **Endoplasmic Reticulum** |  |  |  |
| **Golgi Body** |  |  |  |
| **Lysosome** |  |  |  |
| **Nucleolus** |  |  |  |
| **Ribosome** |  |  |  |

**Define the following in your own words:**

Cell: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Organelle: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_