|  |  |
| --- | --- |
| Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  Class:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Comparing Plant And Animal Cells**

**Directions**: Complete the chart below, then answer the questions.

|  |  |  |  |
| --- | --- | --- | --- |
|  **Cell Part or Organelle** | **Function (write a short sentence)** | **Is It Found In A Plant Cell?** | **Is It Found In an Animal Cell?** |
| Cell Membrane |  |   |   |
| Cell Wall |  |   |   |
| Chloroplast |  |   |   |
| Cytoplasm |  |   |   |
| Endoplasmic Reticulum |  |   |   |
| Golgi Apparatus/Bodies |  |   |   |
| Lysosome |  |   |   |
| Mitochondrion |  |   |   |
| Nucleus |  |   |   |
| Ribosome |  |   |   |
| Vacuole |  |   |   |

**Questions:**

1. What cell parts do Animal cells have that **Plant cells do not have**? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What cell parts do Plant cells have that **Animal cells do not have**? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. Why do Plant cells have cell walls and Animal cells do not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Why do you think Plant cells have bigger vacuoles than Animal cells? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. **Directions**: Fill in the VENN Diagram to compare ***PLANT CELLS*** to ***ANIMAL CELLS***. Use the words in the word box.

|  |  |  |  |
| --- | --- | --- | --- |
| cell membrane | cell wall | chloroplast | cytoplasm |
| mitochondria | nucleus | ribosome | large vacuole |
| starch grain | glycogen granule | small vacuoles |  |

|  |  |  |
| --- | --- | --- |
| ***PLANT CELL*** |  | ***ANIMAL CELL*** |

