Ch 7 Lab-\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Purpose- what are we looking at? What differences/similarities are we attempting to discriminate between the materials?

Background- include eukaryote, organelles, cell membrane, cell wall, the six characteristics of life

Data- include this chart

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cell wall present | Nucleus present | Cytoplasm present | Shape of cell | Was the cell living or dead at the time the slide was made? | Eukaryote or prokaryote |
| cork |  |  |  |  |  |  |
| bamboo |  |  |  |  |  |  |
| onion |  |  |  |  |  |  |
| Frog blood |  |  |  |  |  |  |
| yogurt |  |  |  |  |  |  |

AND 5 colored drawings under high power. Remember to label and include the total magnification.

Cork bamboo onion Frog blood yogurt

Conclusion- discuss the chart and the drawings. Explain the sizes of each object in micrometers