Name:	Class: D	nate:	
radiio.	Plant vs Animal Cells		40/0
accurately for a clear image of a - Distinguish beta	s – including microscopes – effe collecting data ( <i>e.g., use a micro</i> cells). ween plant and animal cells	•	
Key Terms: Plant cell Animal cell Organelles Cell wall	Cell membrane Chloroplasts Cytoplasm Mitochondria	Nucleus Vacuoles	
structures called orgo overall health of the c some are unique to pla	ion: Within each cell there are inelles that carry out specific f cell. While many organelles are int or animal cells. Scientists c nces between different types o	unctions and contribut common to all types of an use laboratory draw	e to the cells,
<ul> <li>Draw only what</li> <li>coloring or shad</li> <li>Add labels that</li> <li>ruler and arrang</li> <li>Record the total</li> </ul>	ed to be completed in pencil you see and keep your details s ling) identify features you see (always ge your labels and lines clearly a al magnification at the bottom on g a title at the top of the paga	ays draw label lines wit and neatly on your page of your page	h a
Investigative Questic	on: How are plant and animal ce	ells different?	
Hypothesis:			

Materials:

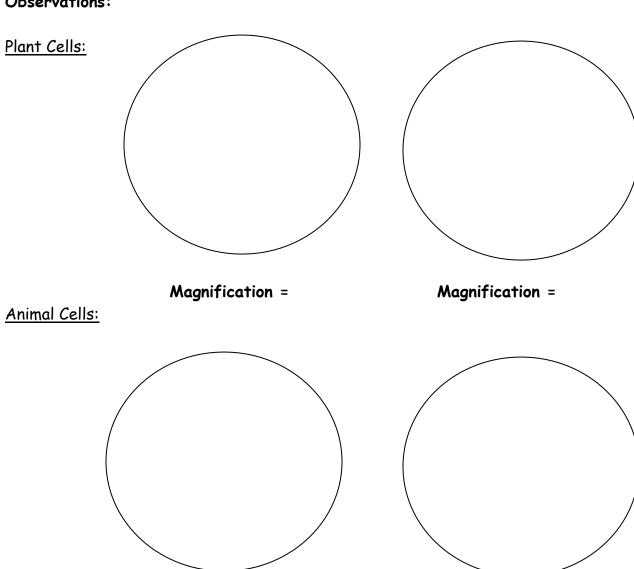
Prepared slides of Compound microscope Prepared slides of plant cells animal cells

## Procedure:

In this lab you will be observing both plant and animal cells and making comparisons between the two.

- 1. Set up your microscope and observe **two plant** tissue slides and **two animal** tissue slides on high power.
- 2. **Draw and label** what you see in the field of vision. Write a qualitative observation about what you see in your observations:

## Observations:



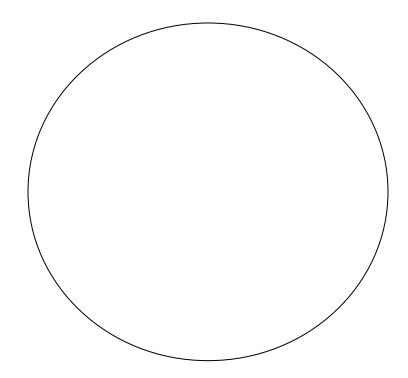
Magnification =

Magnification =

Analysis:
1. List the differences that you observed between the animal and plant cells.
2. List the similarities that you observed between the animal and plant cells.
3. What organelles were you unable to see under the microscope? Why?
Conclusion:
Extension:

## Plant Tissue Drawing

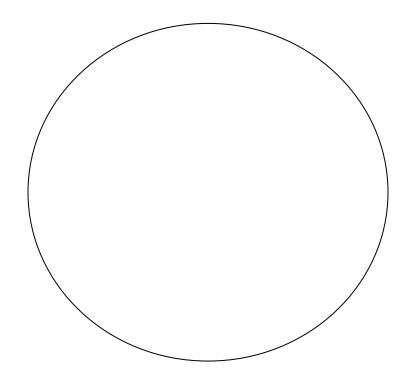
Title: \_\_\_\_\_



Total Magnification:

## Animal Tissue Drawing

Title: \_\_\_\_\_



Total Magnification: