

Name(s): \_\_\_\_\_

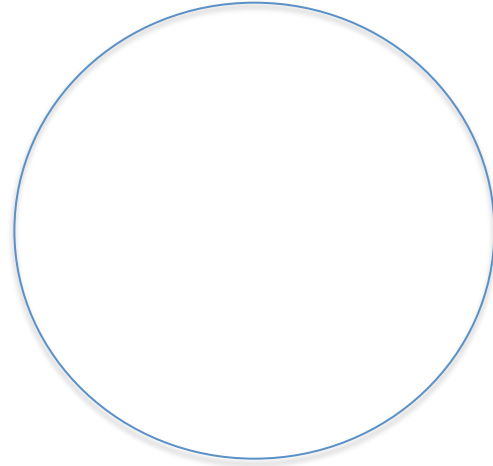
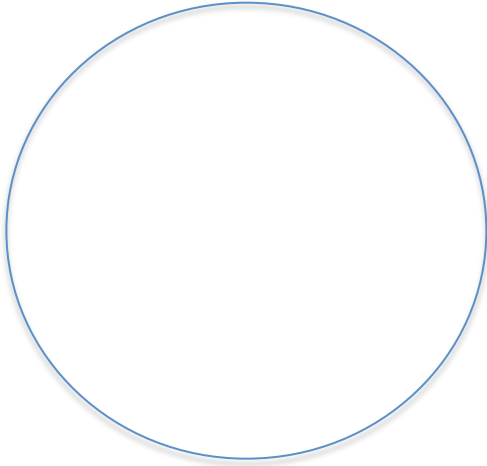
## LAB: Observing Plant and Animal Cells

### ONION CELL:

Be sure to label ALL the parts that you see – cell wall, cell membrane, nucleus, chloroplasts, cytoplasm, etc.

Magnification: \_\_\_\_\_

Magnification: \_\_\_\_\_



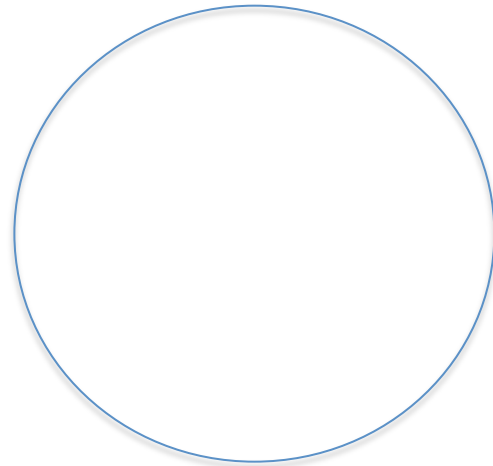
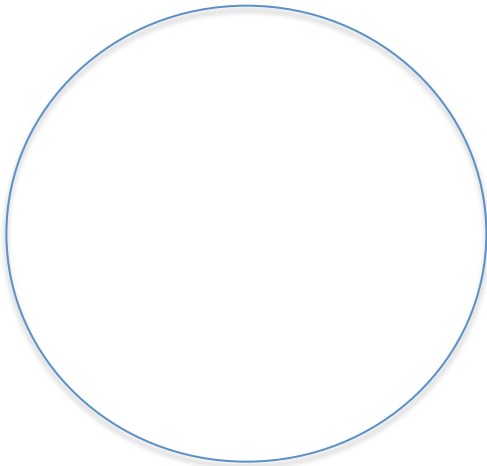
*Observations:*

### CHEEK CELL:

Be sure to label ALL the parts that you see – cell wall, cell membrane, nucleus, chloroplasts, cytoplasm, etc.

Magnification: \_\_\_\_\_

Magnification: \_\_\_\_\_



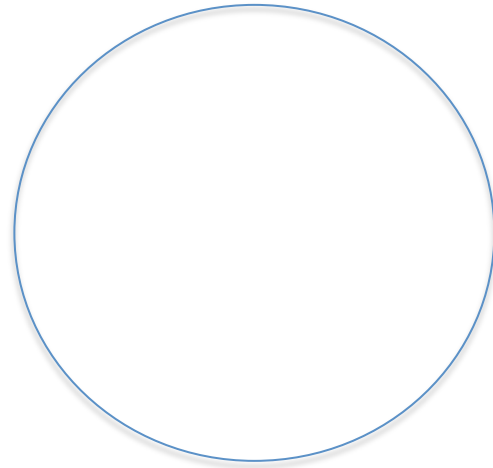
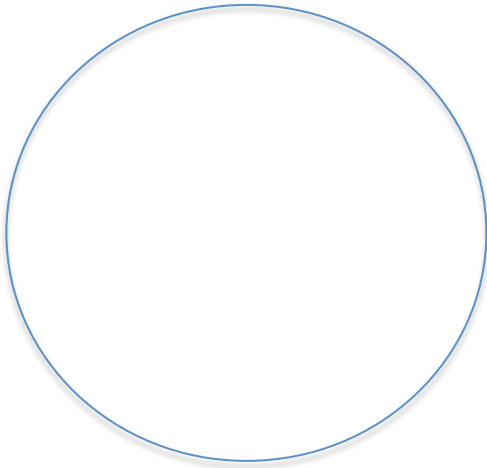
*Observations:*

**PREPARED SLIDE:** \_\_\_\_\_

Be sure to label ALL the parts that you see – cell wall, cell membrane, nucleus, chloroplasts, cytoplasm, etc.

Magnification: \_\_\_\_\_

Magnification: \_\_\_\_\_



*Observations:*

**ANAYLZE and CONCLUDE:**

- 1.) List TWO organelles that would NOT be seen on the cheek cell.
  
- 2.) Is the cheek cell a eukaryote or prokaryote? How do you know?
  
- 3.) Why did you have to use stain?
  
- 4.) What are the THREE parts of the cell theory?
  - a)
  - b)
  - c)
  
- 5.) What process will the plant cell NOT carry out?