1. Identify if each cell is a Prokaryote or Eukaryote first.
	1. Prokaryotes will not have a nucleus.
	2. Eukaryotes will have a nucleus (black/dark spot)

(if it is a Eukaryote move on to item #2)

1. If it is a Eukaryote identify plant or animal.
	1. Plant cells with have a cell membrane and cell wall (square).
	2. Animal cells will have **ONLY** a cell membrane (circle) and no cell wall.

Draw and identify each cell observed under the microscope. Then label all structures (organelles) you can identify.

 Image Type

#1

#2

 Image Type

# 3

# 4

# 5

 Image Type

# 6

# 7

# 8

Label each part of the microscope



List the steps of using a microscope **in your own words**:

1.
2.
3.
4.
5.