

1. Who invented the first usable microscope?\_\_Robert Hooke\_\_
2. Who took this idea and made a much better microscope? \_\_Anton Van Leeuwenhoek\_\_
3. What is the major difference between a simple light microscope and a compound light microscope?

\_\_A simple light microscope uses one lense to view an object whereas a compound light microscope uses two\_\_

1. What happens when you magnify an object?

\_\_The object appears to increase in size while decreasing your field of view\_\_

1. What happens when you increase the resolution?

\_\_it creates an increase in visible detail\_\_

1. How do you calculate the total magnification of a compound light microscope?

\_\_(power of the eyepiece) x (power of the objective lense)\_\_