

Getting to Know Your Microscope

Identify the parts of your microscope, and check them off on the list below as you find them. Label each part with masking tape. Not all microscopes will have all parts.

- Eyepiece (lens)
- Objective (lens)
- Stage
- Light source
- Focus knob(s)
- Other: _____
- Other: _____
- Other: _____

Now complete the following about *your* microscope.

My microscope is a
 simple
 compound
(CIRCLE ONE)
 microscope.

My microscope has _____ objectives
NUMBER
(the lens or lenses not located in the eyepiece)

The magnifications of my objective lens or lenses are:

Objective 1: _____ Objective 2: _____ Objective 3: _____

The magnification of my eyepiece lens is: _____

The lowest total magnification (mag.) for my microscope is:

(_____) x (_____) = _____
LOWEST OBJECTIVE MAG. EYEPIECE MAG. TOTAL MAG.

The highest total magnification for my microscope is:

(_____) x (_____) = _____
HIGHEST OBJECTIVE MAG. EYEPIECE MAG. TOTAL MAG.