Introduction to the Microscope



How to focus a microscope:

1. Always set scope to low power
2. Visually line the slide up with the lens
3. Focus on low power using the coarse adjustment
4. Move slide so object is in the center of the field of vision
5. Change to medium power and refocus using fine adjustment
6. Make sure object is in the center of your field of vision.
7. Change to high power and refocus using the fine adjustment

How to determine the total magnification:

* Simply multiply the eye piece lens magnification by the objective magnification
* The eye piece lens of our microscopes have a \_\_\_ magnification.
* The objective lens have \_\_\_,\_\_\_ and \_\_\_\_ magnification.
* Example: \_\_\_\_ x \_\_\_ = \_\_\_\_ total magnification