Name \_\_\_\_\_



**1.** Label the parts of the microscope.

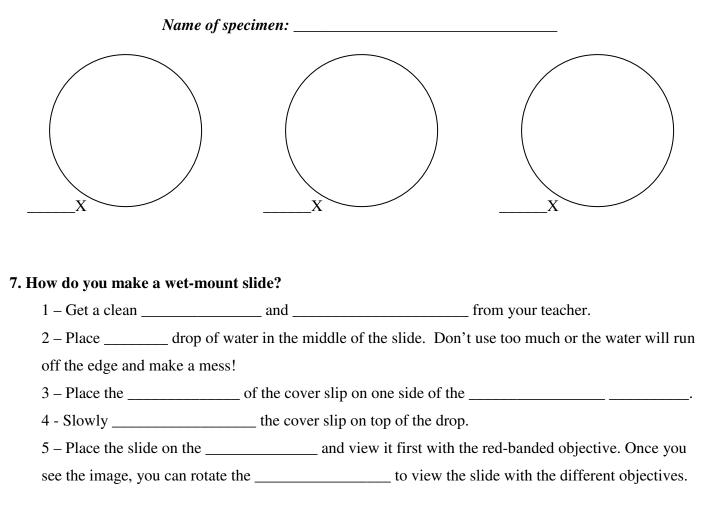


- 2. How do you calculate the power of magnification? \_\_\_\_\_
- 3. Calculate the powers of magnification for each objective lens.

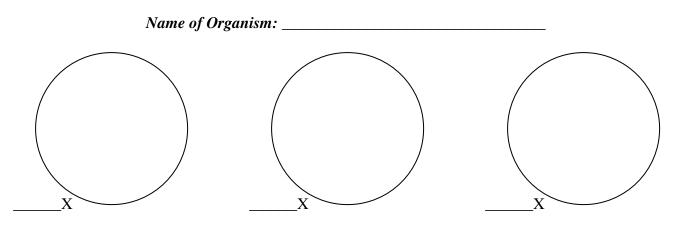
Band Color	Objective Power	Eyepiece Lens Power	Power of Magnification

4. What happens to our view of an image as you increase the power of magnification?

6. Try viewing the prepared slides. Choose one slide and draw what you see at three different powers of magnification. Label each drawing.



## 8. Make a wet mount slide using the pond water provided. Find an organism and draw what you see at three different powers of magnification. Label each drawing.



T. Trimpe 2005 http://sciencespot.net/