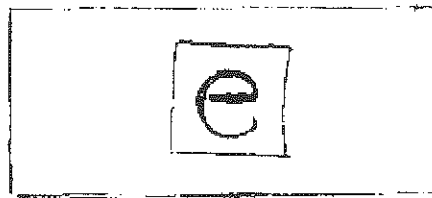


# Wet Mount Microscope lab

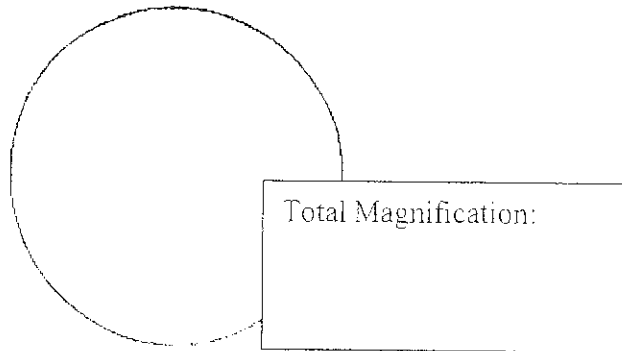
## *Preparing a wet mount of the letter "e".*

With your scissors cut out the letter "e" from the newsprint.

1. Place it on the glass slide so as to look like (e).
2. Cover it with a clean cover slip. See the figure below.

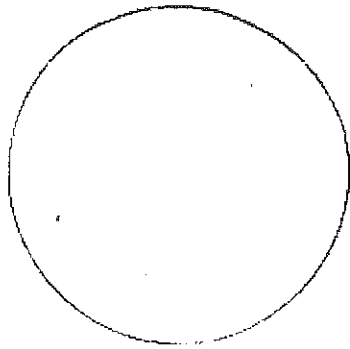


4. Using your eyedropper, place a drop of water on the edge of the cover slip where it touches the glass slide. The water should be sucked under the slide if done properly.
5. Turn on the microscope and place the slide on the stage; making sure the "e" is facing the normal reading position (see the figure above). Using the course focus and low power, move the body tube down until the "e" can be seen clearly. Draw what you see in the space below.



6. Describe the relationship between what you see through the eyepiece and what you see on the stage.

7. Looking through the eyepiece, move the slide to the upper right area of the stage. What direction does the image move?
8. Now, move it to the lower left side of the stage. What direction does the image move?
9. Re-center the slide and change the scope to high power. You will notice the "e" is out of focus. Do Not touch the coarse focus knob, instead use the fine focus to resolve the picture. Draw what you see in the space below.



Total Magnification:

Locate the diaphragm under the stage. Move it and record the changes in light intensity as you do so.