

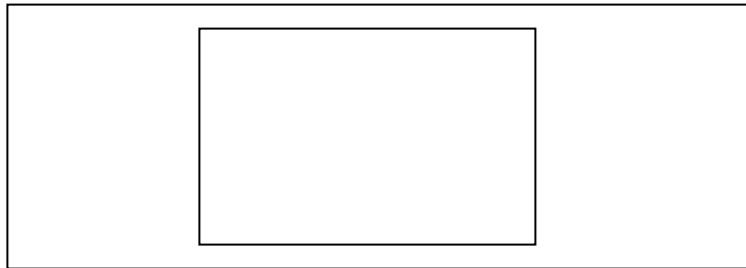
Introduction Microscope Lab: The Letter “e” (page 106) _____ / 9

Name: _____

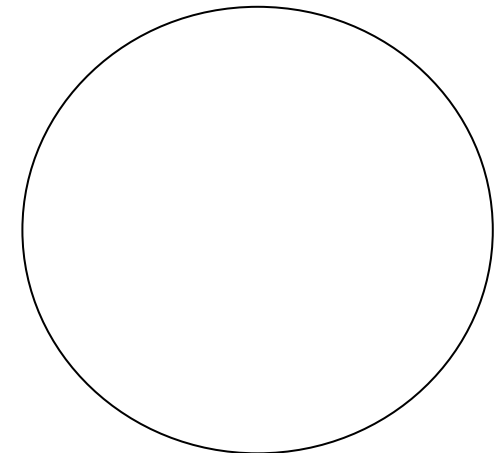
- a. Cut out a small letter “e” from the newspaper. Place it on a slide, put a drop of water on it and cover it with a cover slip.
- b. Place the slide with the specimen on the stage. Use stage clips to hold it in place. **MAKE SURE THE LETTER “e” IS POSITIONED UPRIGHT UNDER THE MICROSCOPE.**
- c. Turn the light on and maneuver the slide into position so that the specimen sits on top of the hole in the stage.
- d. With the low power objective lens, use the course and fine adjusting knobs to view the letter “e” clearly.
- e. How should you use your eyes, on the eye piece when viewing the specimen on the slide? Why should you do it this way? (use Toolbox 11 info.)
– **1 mark**

f. Draw the letter “e” as you:

View it on the slide - **2 marks**



View it under the microscope - **2 marks**



g. When viewing a specimen under the microscope, the specimen is always... _____ **1 mark**

h. MOVE THE SLIDE TO THE LEFT – HOW DOES THE IMAGE MOVE UNDER THE MICROSCOPE? **1 mark**

i. MOVE THE SLIDE UP – HOW DOES THE IMAGE MOVE UNDER THE MICROSCOPE? **1 mark**

j. Move the revolving nose piece to the medium power lens and focus **ONLY WITH THE FINE ADJUSTMENT KNOB.**

Explain what happens as you change the lenses. **1 mark**