

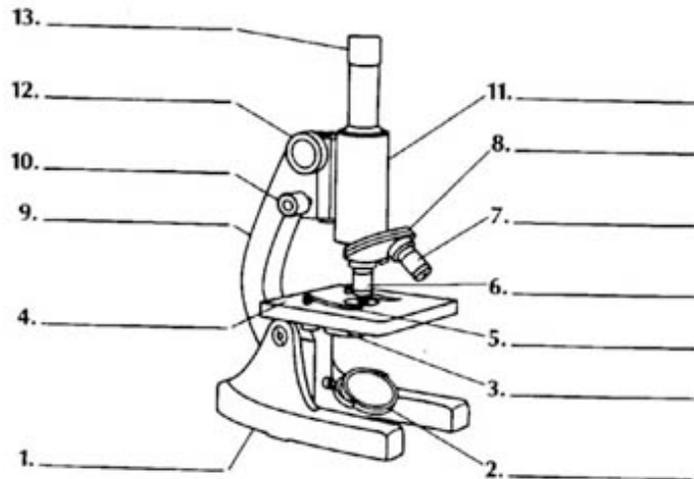
2. If you want to move the upper right hand corner of your field of vision closer to the center, which way do you move your slide? Why?

3. Do you expect that the diameter of your FOV will increase or decrease with an increase in magnification? WHY? What kind of a relationship is this?

4. Approximate, based on the crude actual measurement of "e" taken by the ruler at 100x, the Actual size of the letter "e" (in micrometers- μm) = _____ μm

5. Label the diagram of the microscope by choosing the following names:

- Arm
- Base
- Body tube
- Coarse focus knob
- Diaphragm
- Fine focus knob
- High power objective lens
- Light source
- Low power objective lens
- Nosepiece
- Ocular (eyepiece)
- Stage
- Stage clips



III. SUMMARY QUESTIONS: ONION (epidermal) CELLS:

1. Describe in detail the appearance of one onion cell under HIGH power, 400x.

2. Why are the chloroplasts NOT visible in these particular plant epidermal cells?

