

[BioNetwork Virtual Microscope](http://www.ncbionetwork.org/iet/microscope/) - <http://www.ncbionetwork.org/iet/microscope/>

1. Click EXPLORE. Follow these steps to view a slide:

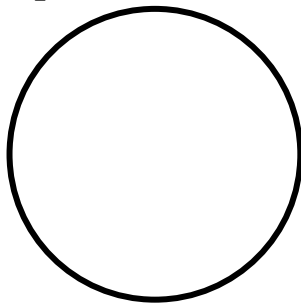
- Click the SLIDE BOX, choose SAMPLE SLIDES, and then click LETTER E.
- Click 4X and then use the COARSE ADJUSTMENT slide to move the stage to get your specimen in view.
- Use the FINE ADJUSTMENT slide to sharpen the image.
- Adjust the LIGHT if needed.
- Continue viewing the image at the different powers 10X, 40X, & 100X. Follow the prompts to add oil and then clean up before changing slides.

2. How did your view of the letter E change as you increase the power of magnification? \_\_\_\_\_

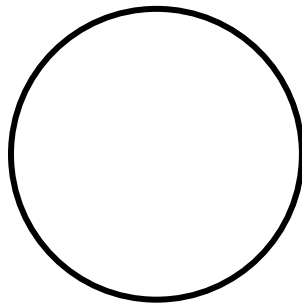
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3. Click REMOVE SLIDE and then click the SLIDE BOX to find the samples listed below. Draw the specimens listed below at each of the powers of magnification.

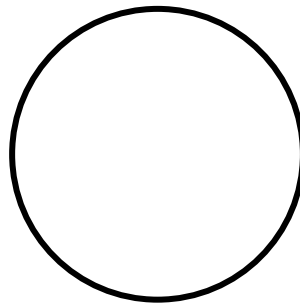
**Specimen #1: Onion Root**



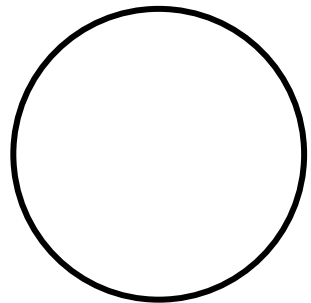
4X



10X

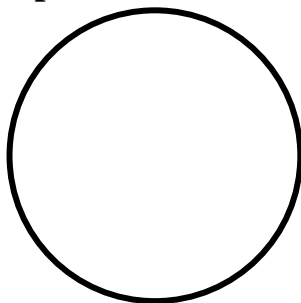


40X

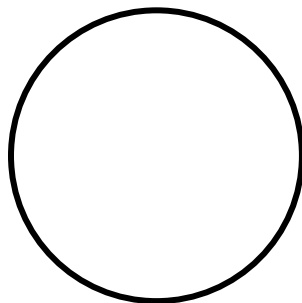


100X

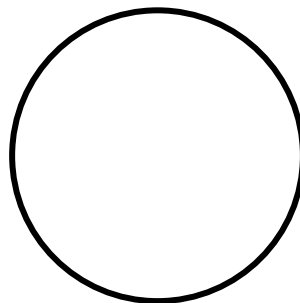
**Specimen #2: Human → Blood Cells**



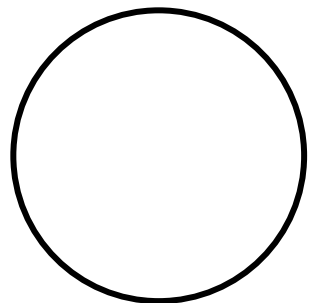
4X



10X



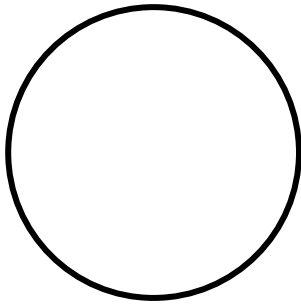
40X



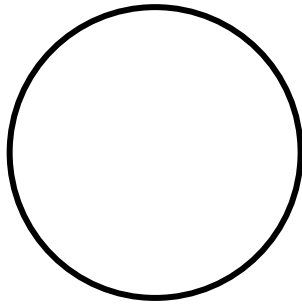
100X

4. Explore More – Choose 2 other specimens to view and draw images of each.

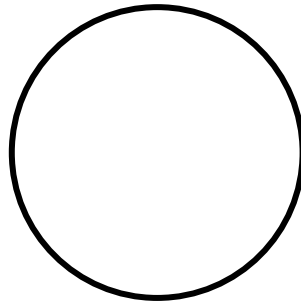
**Specimen:** \_\_\_\_\_



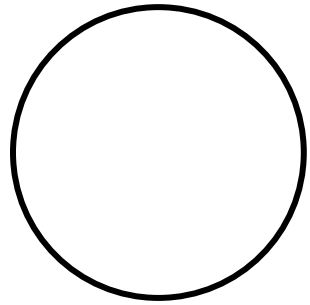
4X



10X

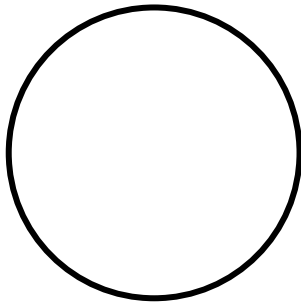


40X

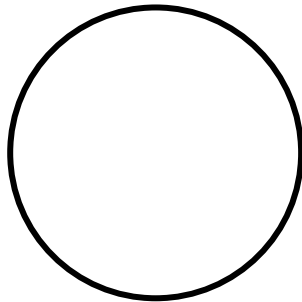


100X

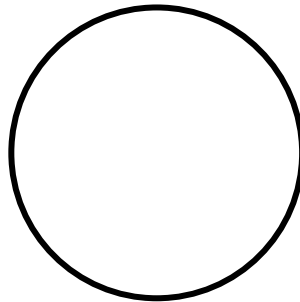
**Specimen:** \_\_\_\_\_



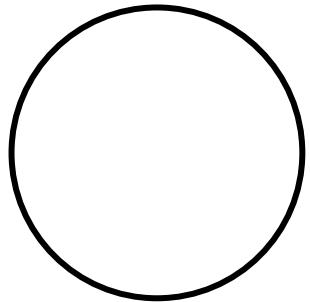
4X



10X



40X



100X