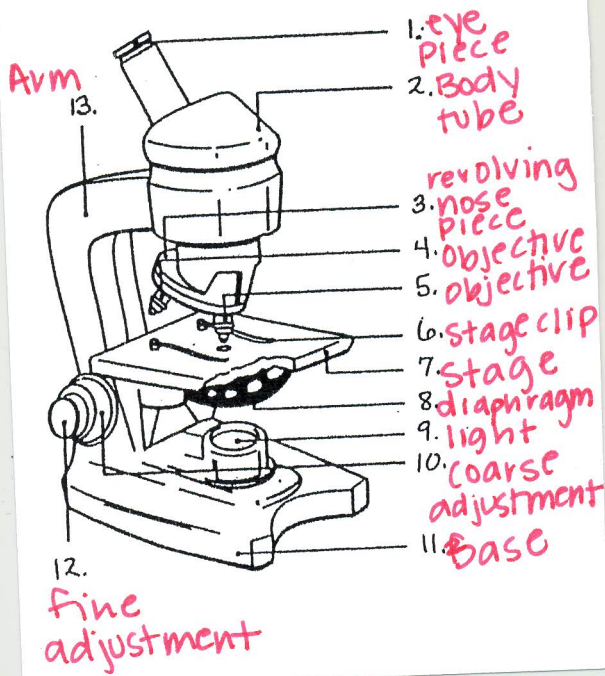


Mini Microscope Page



Name KEY

Answer the following questions to help you review for the microscope questions on your test tomorrow!

1. What part of the microscope should you use to bring an object into focus under the scanning objective?

Coarse adjustment

2. If the eyepiece has a magnification of 15X, and the low-power objective has a magnification of 10X, what is the total magnification?

150x

$$15 \times 10 = 150$$

3. What part of the microscope should you use to focus the image when using the high-power objective?

fine adjustment

4. What part of the microscope should you use to adjust the amount of light used to illuminate the object?

~~diaphragm~~ diaphragm

5. You made a wet mount of a letter that looks like this: P. What would the image look like under the microscope?

d (upside down)

6. If you moved the stage to the right, in which direction would the image under the microscope move?

left

7. If you were using a microscope with an eyepiece magnification of 10X, a scanning objective magnification of 4X, a low-power magnification of 10X, and a high-power magnification of 40X, then what is the highest total magnification you could use?

400

$$10 \times 40 = 400$$