

Microscopes!

We use magnifiers and microscopes to look at things that are very small. Today, we will learn how to use a hand lens or magnifying glass, a dissecting microscope, and maybe even a compound microscope to see the microscopic world!

What is the maximum magnification of each of these? Write it on the line below each.



Hand lens

____X



Dissecting Microscope

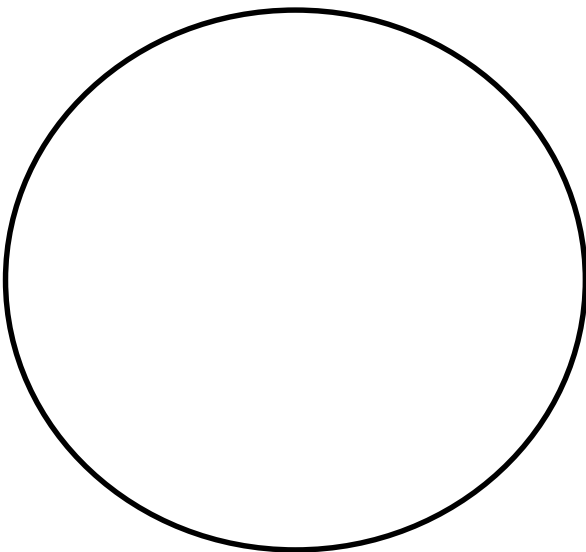
____X



Compound Microscope

____X

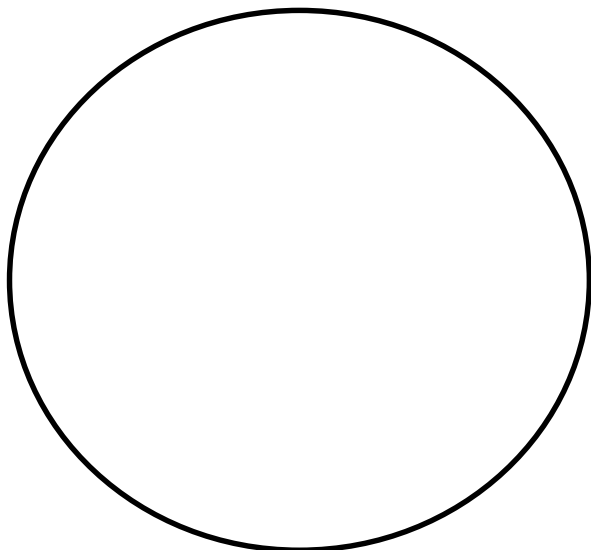
- A. The Hand Lens: Let's look at something with a hand lens. Draw what you see in the circle below and describe your "organism" if you can.



Describe what you see:

What is the magnification? _____

B. The Dissecting Microscope: Draw what you see in the circle below and describe your “organism” if you can.



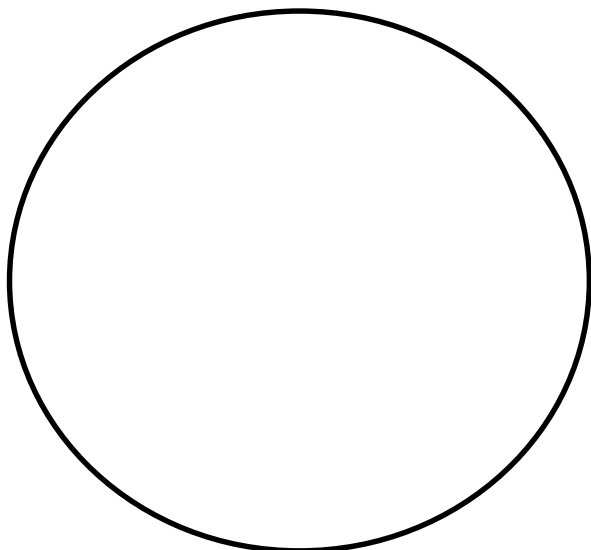
What can you see with the dissecting microscope that you couldn't see before?

At what magnification did you make your drawing? _____

What type of organism is this? _____

If you know, how do you know? _____

C. The Compound Microscope: Draw what you see in the circle below and describe your “organism” if you can.



What can you see with the compound microscope that you couldn't see before?

At what magnification did you make your drawing? _____

What type of organism is this? _____

If you know, how do you know? _____

What differences did you notice between what you saw with the hand lens, the dissecting microscope, and the compound microscope?
