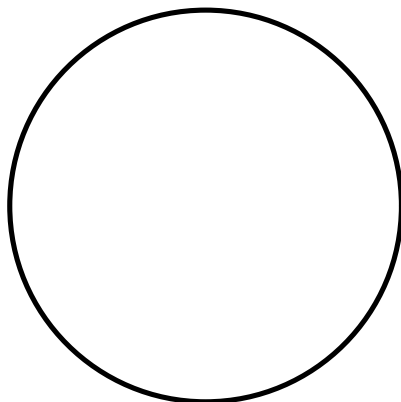
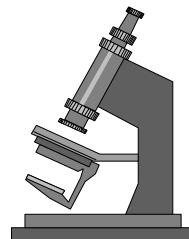


Directions for Using the Compound Microscope

1. Plug in the microscope and turn it on.
2. Choose **one** prepared slide and write the name in the box below.
3. Put slide in the center of the stage so that the object is over the opening.
4. Always start with the **low power lens**. Turn it until it clicks into place.
5. Look through the ocular lens. Focus by turning the focus knob slowly.
6. Draw what you see in the first circle.
7. Next, turn the **medium power lens** into place. The object should almost be in focus. Turn the focus knob a little bit to sharpen the image. Draw what you see in the middle circle.
8. Finally, view the object with the **high power lens**. Again, you should only have to make small adjustments to the focus. Draw what you see in the third circle.
9. If you want to view another slide, start over with the **low power lens**.

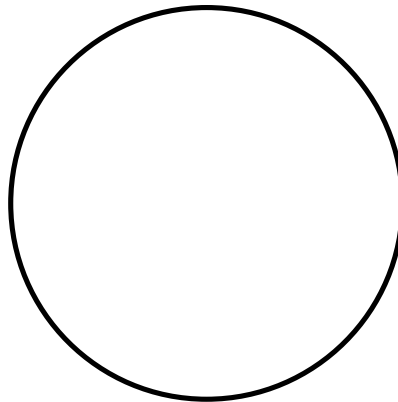
Hint: Find the magnification by multiplying the number on the objective lens (4, 10, or 40) by the number on the ocular lens (10).

Object:



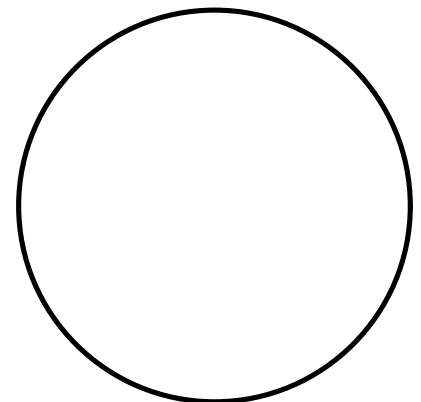
Low Power Lens

Magnification: _____X



Medium Power Lens

Magnification: _____X



High Power Lens

Magnification: _____X