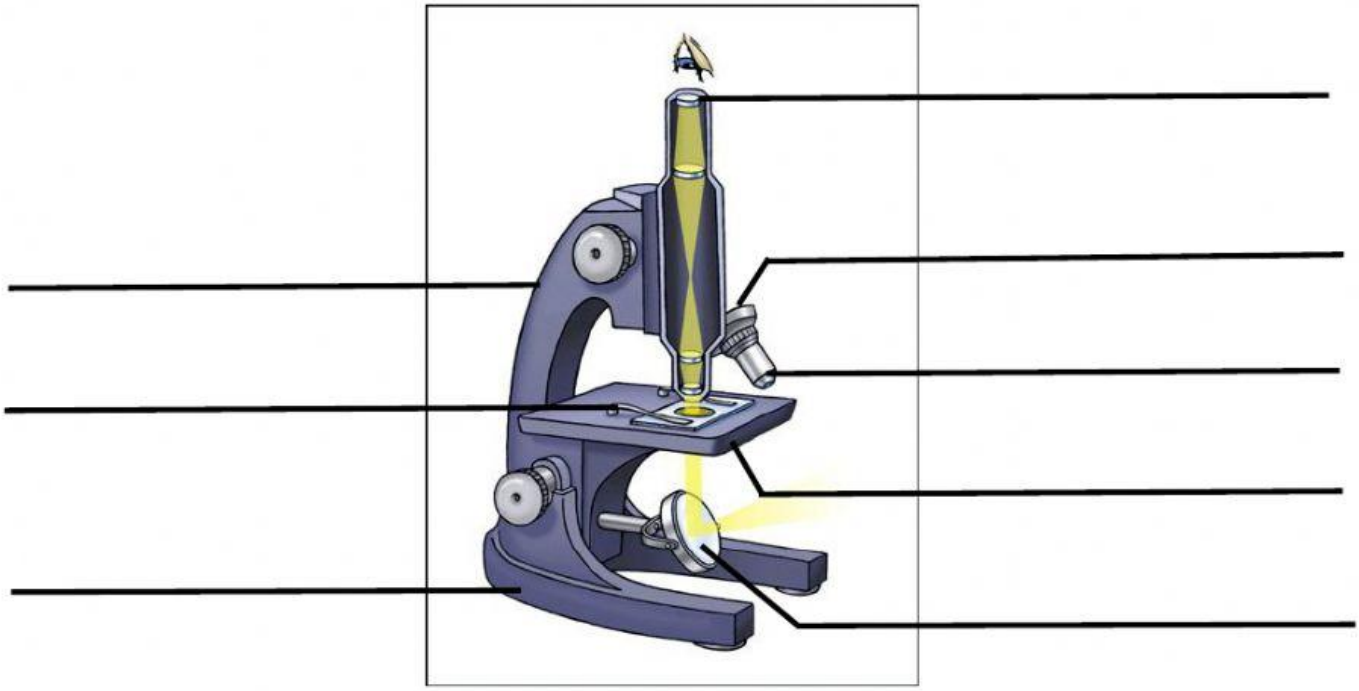
The Microscope Worksheet

Label the diagram of the microscope below by typing the name of the part in the box spaces.



1. Which knob on the microscope is used to bring the image into clear focus?

   _____

2. Which part of the microscope is used to hold the slide in place?_____

3. What part of the microscope holds the eyepiece in place?_____

4. Which two parts of the microscope are used when transporting it?

   _____ and _____

5. Which knob on the microscope is used to sharpen the image so you can see fine details?

   _____

6. How many objective lens does a standard light microscope have?_____

7. What is the magnification power of the eyepiece/ocular lens?_____

8. Complete the table below by filling in the blank spaces to show the total magnification power of each objective lens on a microscope. Use the equation given below to help with your calculations.

Total Power of Magnification = Power of Eyepiece/Ocular lens x Power of Objective lens

Objective	Objective Lens Power	Eye Piece Power	Total Magnification Power
High Power	40		
Medium Power	10		
Low Power	4		