

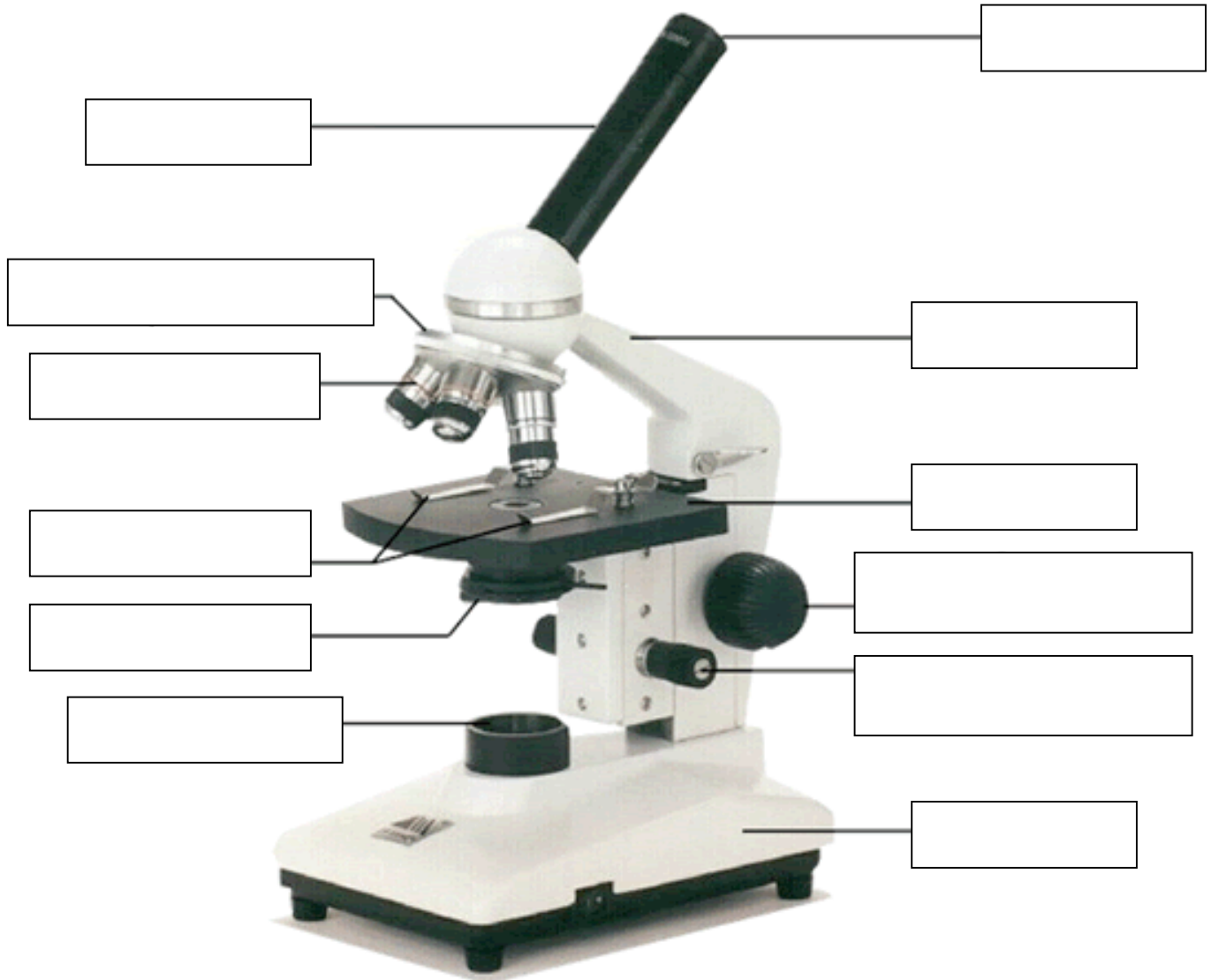
Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Worksheet 2 Microscope Skills & Biological Drawing (Nelson p.546-548)

1) Label the diagram below using the given word list.

- |                    |                    |                       |                               |
|--------------------|--------------------|-----------------------|-------------------------------|
| <b>arm</b>         | <b>base</b>        | <b>body tube</b>      | <b>coarse-adjustment knob</b> |
| <b>diaphragm</b>   | <b>stage</b>       | <b>light source</b>   | <b>fine-adjustment knob</b>   |
| <b>ocular lens</b> | <b>stage clips</b> | <b>objective lens</b> | <b>revolving nosepiece</b>    |



2) Match the **function** of each part of microscope with the given vocabulary.

objective lenses  
 revolving nosepiece  
 fine-adjustment knob  
 light source

coarse-adjustment knob  
 condenser lens  
 ocular lens  
 stage

diaphragm  
 body tube  
 clips

Part	Function
	Holds the objective lenses Rotates, allowing the objective lenses to be changed
	Controls the amount of light to pass through the specimen
	Moves the stage up or down to focus the specimen Use it with low-power objective only
	Magnifies specimen: Have 3 lenses are usually 4X (low-power), 10X (medium-power), 40X (high-power)
	Contains the ocular lens (eyepiece) Supports the objective lenses
	Sharpens an image
	Magnifies specimen, usually by 10X; single lens
	Direct lights to specimen
	Supports the slide for observation
	Hold the slide in position
	An electric light bulb or mirror that can direct light through the object being viewed