

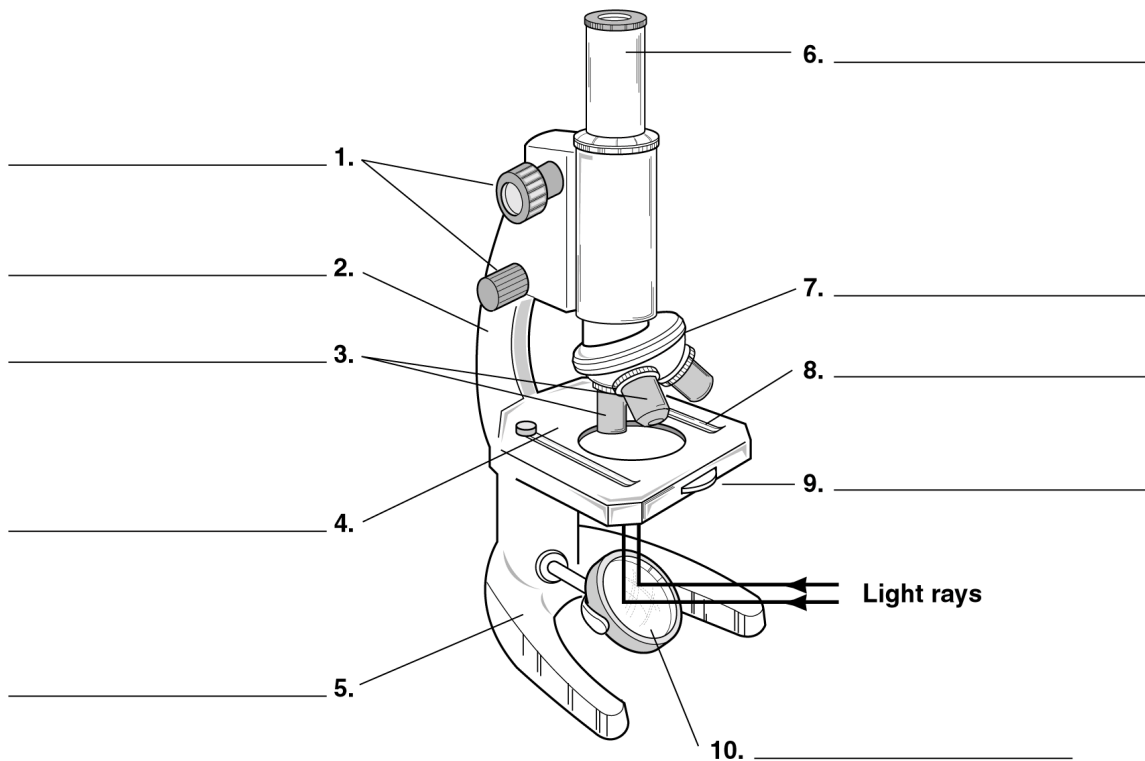
## 2-1 What is a microscope?

### Lesson Review

**PART A** Complete the following.

1. What is a microscope? \_\_\_\_\_
2. What is a lens? \_\_\_\_\_
3. How does a compound microscope differ from a simple microscope? \_\_\_\_\_

**PART B** Label the parts of the compound microscope.



### Skill Challenge

**Skills:** calculating, applying concepts, comparing

Complete the following.

1. If the eyepiece lens of a microscope magnifies an image 10 times and the low-power objective lens magnifies an image 10 times, how many times larger will an object appear if the microscope is set on low-power objective? \_\_\_\_\_
2. If the eyepiece lens of a microscope magnifies an image 5 times and the low-power objective lens magnifies an image 25 times, how many times larger will an object appear if the microscope is set on low-power objective? \_\_\_\_\_
3. Which microscope has a greater magnifying power—the microscope described in question 1 or question 2? \_\_\_\_\_