

Content Practice A

Exploring Life

Directions: Circle the term in parentheses that correctly completes each sentence.

1. All microscopes (magnify/photograph) images.
2. How clearly an image can be seen depends on a microscope's (magnification/resolution).
3. Using a microscope, (Hooke/Leeuwenhoek) observed and named cells.

Directions: Write the name of the microscope that goes with each clue on the line provided. Each type of microscope will be used more than once. Some lines will be filled in with more than one type of microscope.

compound microscope

electron microscope

light microscope

4. uses light and one lens to enlarge an image of an object

5. uses light and more than one lens to magnify an image

6. has an ocular lens and an objective lens

7. can be used to view living organisms

8. uses a magnetic field to focus a beam of tiny particles through or onto an object

9. has the highest magnification

10. has the lowest resolution
