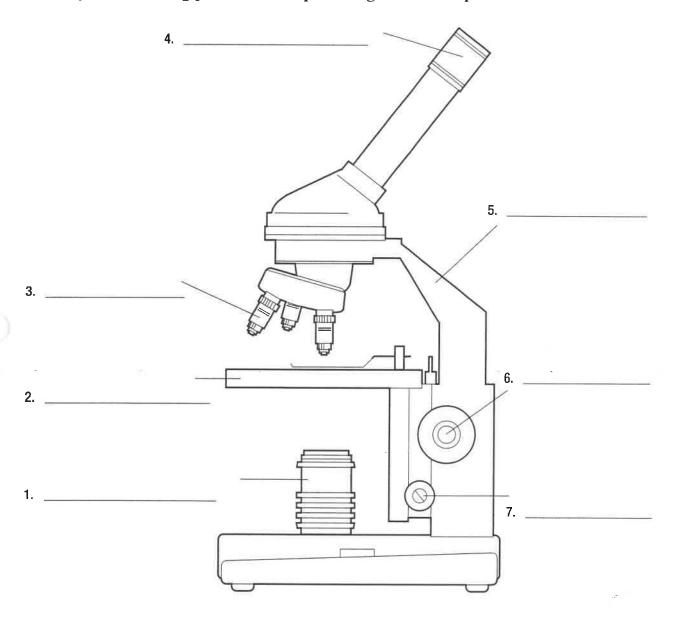
Section 1.1

Use with textbook page 12.

## The compound light microscope

Identify the following parts of a compound light microscope.



|         | Name              |
|---------|-------------------|
|         | Date              |
| Section | Cloze<br>Activity |

Use with textbook pages 11-14,

## Microscopes

| Vocabulary   |   |
|--|---|
| coarse focus knob  | magnification power                     |
| roscope  | objective lenses                        |
| micrograph   | resolving power                         |
|  | reversed                                |
| nob  | right side up                           |
| light source   | upside down                             |
| Use the terms in the vocabulary box to fill in the blanks, You will not need to use all the terms. | in the blanks. Use each term only once. |
| 1. The   | is the microscope usually used in       |
| science classes and medical laboratories.  | the second the second                   |
| 2. The   | is used for viewing and contains a      |
|  |   |
| 3. The   | brings an object into focus at low or   |
| 4 The  |   |
| power.   | prings an object into focus at high     |
| 5. The   | hour different management               |
| magnify the object.  | inave different magnification power to  |
| à. The   | sumplies the light pooded to sign at    |
| slide.   | Out Melt O Depart Head of Melt Melt     |
| . The ability to distinguish between objects that are very close together is called                | that are very close together is called  |
| . When you look through a microscope, you will observe an image that is magnified                  | will observe an image that is magnified |
| , a  | and                                     |

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9. A(n)

hooked up to an electron microscope.

is a picture taken by a camera

NAME:

BUM 1-5 CLASS:

## Parts of a Compound Light Microscope

Each part of the compound light microscope is listed in the left column of the table below. In the right column, describe the function of each microscope part.

| Microscope part     | Function |
|---------------------|----------|
| Eyepiece            |          |
| Arm                 |          |
| Revolving nosepiece |          |
| Objective lenses    |          |
| Fine focus knob     |          |
| Coarse focus knob   |          |
| Stage               |          |
| Base                |          |
| Light source        |          |
|                     |          |

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