

Chapter 7

Use with Text Pages 193-197

REINFORCEMENT**• Modern Classification**

Answer the following questions using information from the textbook.

1. What are the ways scientists determine an organism's phylogeny? _____

2. What do the Animal and Fungi Kingdoms have in common? _____

3. How are members of the Animal Kingdom different from members of the Fungi Kingdom? _____

4. Organisms belonging to the Kingdom Eubacteria and some organisms in the Kingdom Protista are unicellular. What is it that places them into different kingdoms? _____

5. Suppose you are looking at some cells under a microscope. They are green. How can you classify these cells as either plants or eubacteria? _____

6. Put these Latin names in order from the most general to the most specific.

order—Diptera	a. _____
class—Insecta	b. _____
kingdom—Animal	c. _____
phylum—Arthropoda	d. _____
species— <i>melanogaster</i>	e. _____
family—Tephritidae	f. _____
genus— <i>Drosophila</i>	g. _____
7. The organism you have classified is a fruit fly. What is its scientific name? _____

