

Chapter 8

Use with Section 1

REINFORCEMENT

● What is classification?

Answer the following questions using information from the textbook.

1. The name *Homo sapiens* is the scientific name for modern man. What could you say about *Homo erectus* using your knowledge of classification? _____

2. What is the scientific naming system using two names called? _____
What language does it use? _____
3. How did Aristotle subdivide his largest taxonomic categories? _____

4. What was wrong with Aristotle's method of classification? _____

5. What is Linnaeus' system of classification based on? _____

6. What is taxonomy? _____
7. Arrange the following list of items from general to specific using the letters:
 - a. egg-laying mammals that live in Australia
 - b. mammals
 - c. animals
 - d. duck-billed platypus
 - e. organisms
 - f. egg-laying mammals that live in Australia and have webbed feet
 - g. egg-laying mammals
8. How would you describe your location as exactly as possible? Classify as much information as you can so that someone else would know where to find you (this can be at home or school).
Your classification should be ranked from general to specific. _____

