

DO NOT WRITE ON

Name _____ Class _____ Date _____

Kingdoms and Domains

Key Concepts

- What are the six kingdoms of life as they are now identified?
- What is the three-domain system of classification?

The Tree of Life Evolves

1. Is the following sentence true or false? The scientific view of life was more complex in Linnaeus's time. _____

2. What fundamental traits did Linnaeus use to separate plants from animals?

3. What type of organisms were later placed in the kingdom Protista?

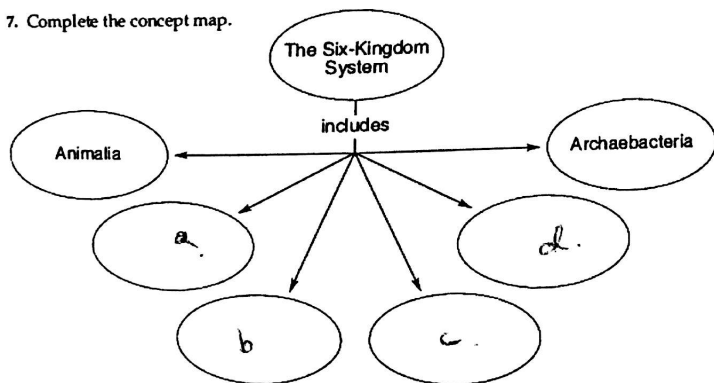
4. Mushrooms, yeast, and molds have been placed in their own kingdom, which is called _____.

5. Why did scientists place bacteria in their own kingdom, the Monera? _____

6. List the two groups into which the Monera have been separated.

- a. _____
- b. _____

7. Complete the concept map.



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The Three-Domain System

8. A more inclusive category than any other, including the kingdom, is the _____.

9. What type of analyses have scientists used to group modern organisms into domains? _____

10. List the three domains.

- a. _____
- b. _____
- c. _____

11. Complete the chart below.

CLASSIFICATION OF LIVING THINGS

Domain	Kingdom	Examples
a.	Eubacteria	<i>Streptococcus, Escherichia coli</i>
Archaea	b.	c.
d.	Protist	e.
	f.	Mushrooms, yeasts
	Plantae	g.
	h.	Sponges, worms, insects, fishes, mammals

Domain Bacteria

12. Circle the letter of each sentence that is true about members of the domain Bacteria.

- a. They are multicellular.
- b. They are prokaryotes.
- c. They have rigid cell walls.
- d. The cell walls contain peptidoglycans.

13. Is the following sentence true or false? All members of the domain Bacteria are parasites. _____