

Chapter 18 Classification

Section Review 18-3

Reviewing Key Concepts

Matching *On the line provided, write the letter of the kingdom that best matches each description.*

- | | |
|--|--------------------|
| _____ 1. heterotrophs whose cell walls contain chitin | a. Eubacteria |
| _____ 2. prokaryotes whose cell walls contain peptidoglycan | b. Archaeobacteria |
| _____ 3. multicellular autotrophs whose cell walls contain cellulose | c. Protista |
| _____ 4. prokaryotes whose cell walls lack peptidoglycan | d. Plantae |
| _____ 5. multicellular eukaryotes without cell walls or chloroplasts | e. Fungi |
| _____ 6. unicellular, colonial, or multicellular eukaryotes that show a variety of characteristics | f. Animalia |

Short Answer *On the lines provided, answer the following questions.*

7. In the discipline of taxonomy, what is a domain?

8. What are the three domains into which organisms can be grouped?

9. What characteristic is shared by all members of the domain Eukarya?

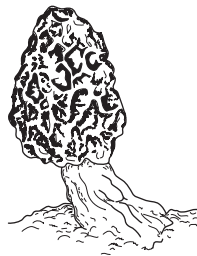
10. What must you find out about a prokaryote to know which domain it belongs to?

Reviewing Key Skills

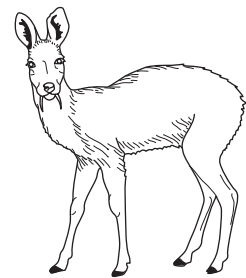
Classifying *On the line provided, label each organism with the kingdom and domain to which it belongs.*



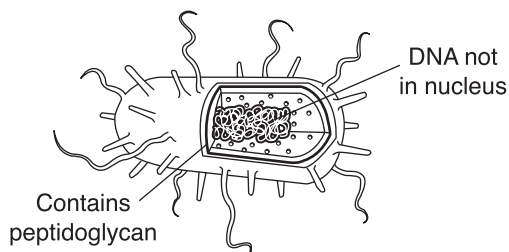
11. _____



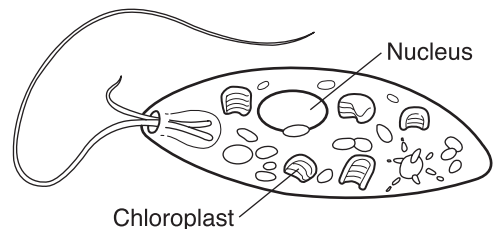
12. _____



13. _____



14. _____



15. _____