

# Classification Study Guide

## Answers

1. taxonomy
2. Carolus Linnaeus
3. Kingdom, Phylum, Class, Order, Family, Genus, Species
4. Genus and species
5. scientific names
6. underlined
7. *concolor*
8. Canis lupus
9. the identity of an organism
10. a series of paired statements
11. 6
12. Archaeobacteria
13. Animalia
14. Plantae
15. Fungi
16. Protista
17. Protista
18. Eubacteria
19. sunlight
20. recycle nutrients in dead organisms
21. hair and mammary glands
22. sponge

- 23. Because the sponge eats and does not have a cell wall.
- 24. A. lancelet
  - B. turtles
  - C. No because the lamprey does not have amniotic eggs.
  - D. four legged locomotion
- 25. The factor being tested
- 26. The factor that is measured
- 27. The group that does not receive the special factor
- 28. Factors that are held constant
- 29. A. fertilizer
  - B. the number of roses
  - C. the plant without the fertilizer
  - D. the same amount of water
- 30. A. Kingdom Animalia
  - B. Yes
  - C. No, because the order contains more organisms
- 31. Pollen
- 32. Young plant, stored food, seed coat
- 33. Seeds
- 34. Angiosperms have flowers, gymnosperms don't
- 35. Animals
- 36. angiosperms

37.

a. Seed coat

b. Stored food

c. Young plant

