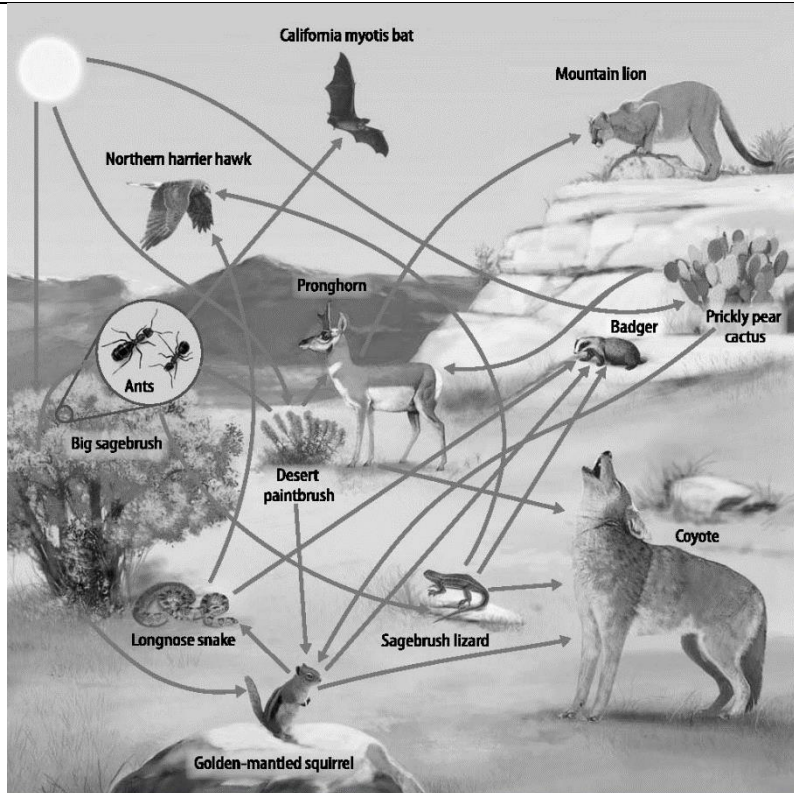


Lesson 1

1. What term best describes a tadpole turning into a frog over the course of its lifetime?

2. Which of the following is NOT a multicellular organism?

- Grass mosquito worm amoeba



3. Where does the mountain lion get its energy?

4. The sun is the energy source for which producers?

5. Which organism(s) does the golden mantled squirrel get its energy from?

Lesson 2

6. Aristotle classified organisms into how many groups? What were they

Domains and Kingdoms						
Domain	Bacteria	Archaea	Eukarya			
Kingdom	Bacteria	Archaea	Protista	Fungi	Plantae	Animalia
Example						

7. Multicellular organisms fall under which Kingdom?

8. True/False Eukarya is a current Kingdom of classification.

9. Fill in the following taxa in order from most general to most specific.

- D-
K-
P-
C-
O-
F-
G-

Science 1 ~ Chapter 9 Study Guide

S-	
10. <i>Ursus Arctos</i> is the scientific name for a brown bear in which country? Australia Germany United States All countries	
11. A cladogram is similar to a F _____ T _____. It shows relationships amongst different organisms.	
12. What type of field guide would be the most efficient to use when on a hike?	
13. An organism's scientific name consists of its _____ and _____.	
14. How many descriptions are included at each step in a dichotomous key?	
Lesson 3	
15. Early microscopes were invented by _____ and _____.	
16. Hooke observed _____ under a microscope.	
17. How many times does a compound microscope with an ocular lens of 15 and objective lens of 22 magnify objects?	
18. The total magnification in a compound microscope is the _____ multiplied by the _____	
19. True/False In a scanning electron microscope, electrons pass through the object being viewed.	
Matching	
Match the type of microscope with the correct statement. A. Compound Microscope 1__ used to study an object's surface B. Light Microscope 2__ used to study extremely small things (cell structures) C. Scanning Electron Microscope 3__ uses light and lenses to enlarge image of an object D. Transmission Electron Microscope 4__ a light microscope that uses more than 1 lens	