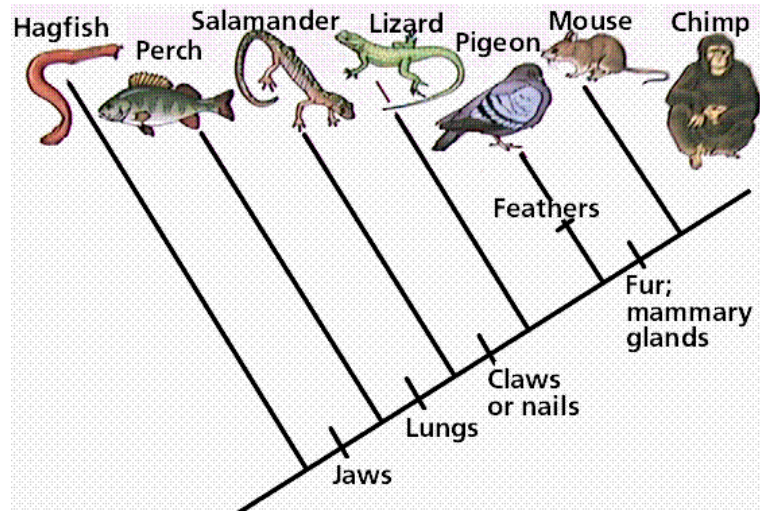


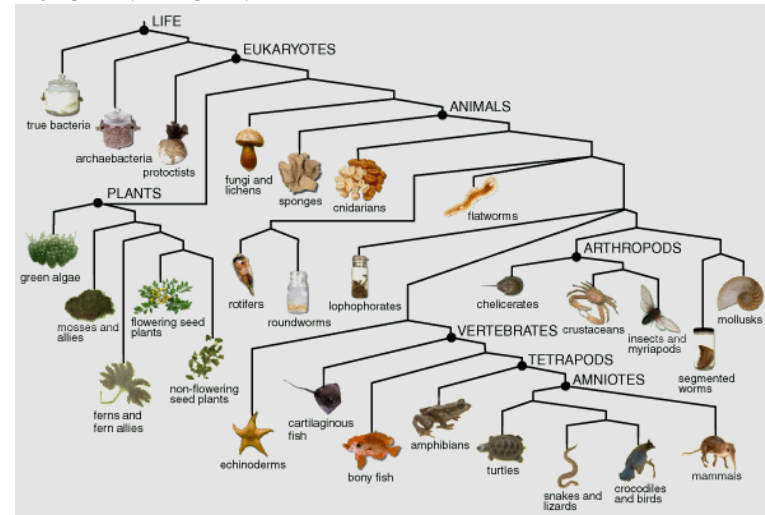
**Phylogenetic (Cladogram) Practice**

Name \_\_\_\_\_



1. After which animals did mammary glands develop?  
\_\_\_\_\_
2. What animal does not have jaws? \_\_\_\_\_
3. Which animals have lungs?  
\_\_\_\_\_
4. Which animals are probably predators (look for features that predators would have).  
\_\_\_\_\_
5. Which animals have features that give them better protection from the environment? (like cold, hot, bad weather, etc.)  
\_\_\_\_\_
6. What other animal could you guess would come AFTER the chimp? \_\_\_\_\_
7. Which animal would you guess might come BEFORE the hagfish? \_\_\_\_\_

**Phylogenetic (Cladogram) Practice...more challenging this time!!!!**



1. What does all life stem from (come from), according to this picture? \_\_\_\_\_
2. What major group came BEFORE animals? \_\_\_\_\_
3. What group are mammals from? \_\_\_\_\_
4. Which came first, the chicken or the egg? \_\_\_\_\_
5. What is the first amniote listed on this diagram? \_\_\_\_\_
6. Which animals are considered to be vertebrates? \_\_\_\_\_
7. What organisms are non-flowering plants closely related to? \_\_\_\_\_
8. What organisms are insects closely related to? \_\_\_\_\_