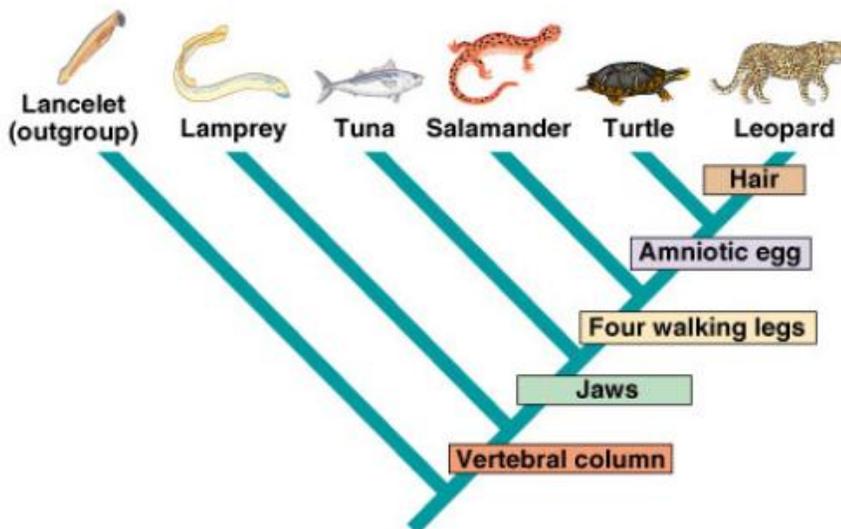


# Learning Target 4.6

I can read and analyze cladograms

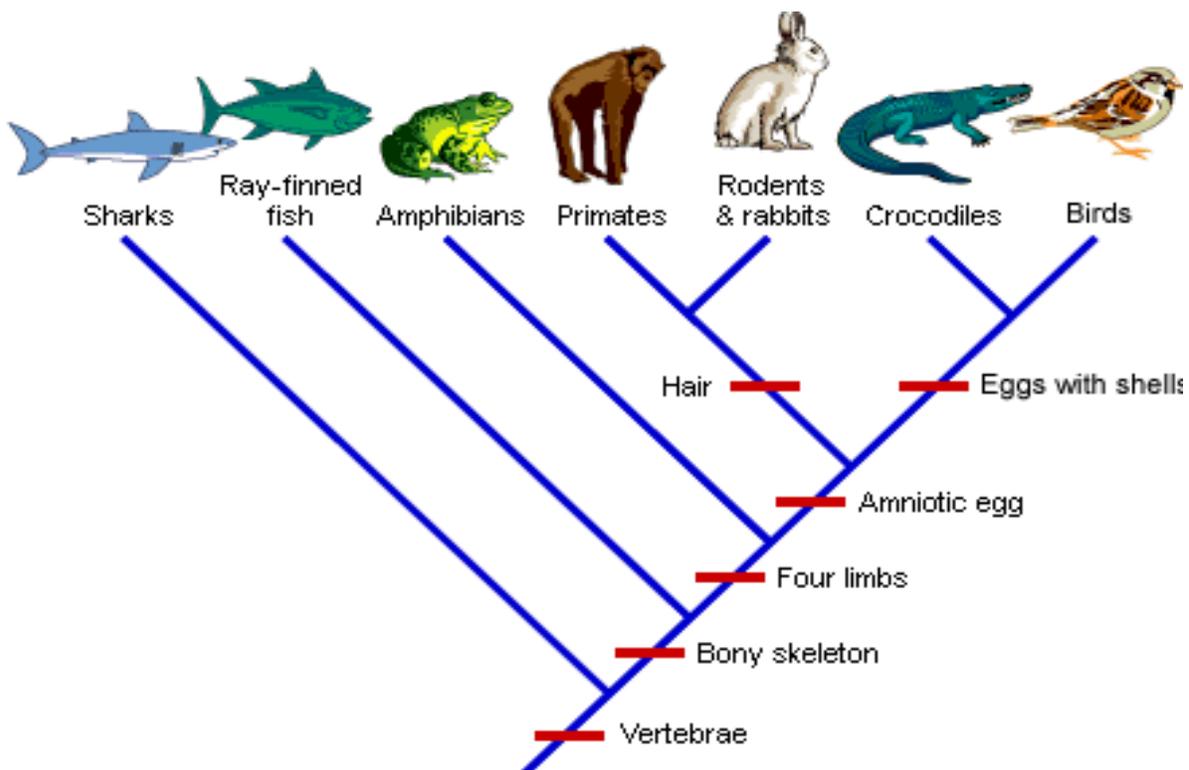
## Practice Problems

1. What trait separates Lampreys from tuna on this cladogram? \_\_\_\_\_
2. What separates a salamander from a turtle? \_\_\_\_\_
3. Which organism is most related to the leopard? \_\_\_\_\_
4. What 4 traits do these two organisms share? \_\_\_\_\_
5. Which organism will have DNA most similar to the turtle? \_\_\_\_\_
6. Which organism's DNA will differ the most from the leopard? \_\_\_\_\_



## Your Turn

Directions: Use the cladogram below to answer the questions on the backside of this worksheet



7. What trait separates amphibians from primates on this cladogram? \_\_\_\_\_
8. What separates rabbits and primates from crocodiles on this cladogram? \_\_\_\_\_
9. Which organism is most related to the bird on this cladogram? \_\_\_\_\_
10. What 5 traits do these two organisms share? \_\_\_\_\_  
\_\_\_\_\_
11. Which organism will have DNA most similar to the bird? \_\_\_\_\_
12. Which organism's DNA will differ the most from the bird?