

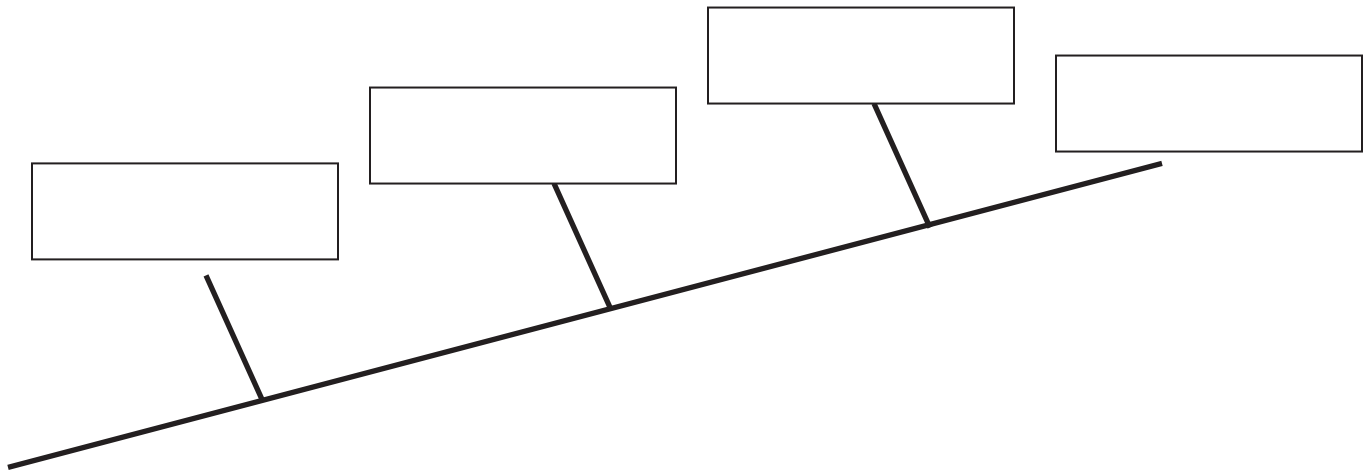
**Cladogram Worksheet**

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Per: \_\_\_\_\_

1. Fill in the following table. Mark an 'X' if an organism has each trait.

	hair	legs	thumbs	eyes
Human				
Snake				
Monkey				
Mouse				

2. Add each of these organisms to the cladogram below: human, snake, monkey, mouse



3. USING COMPLETE SENTENCES, explain why you put each organism where you did on the cladogram.

4. On the cladogram above, add traits that make the organisms different from each other, like we did on our notes.

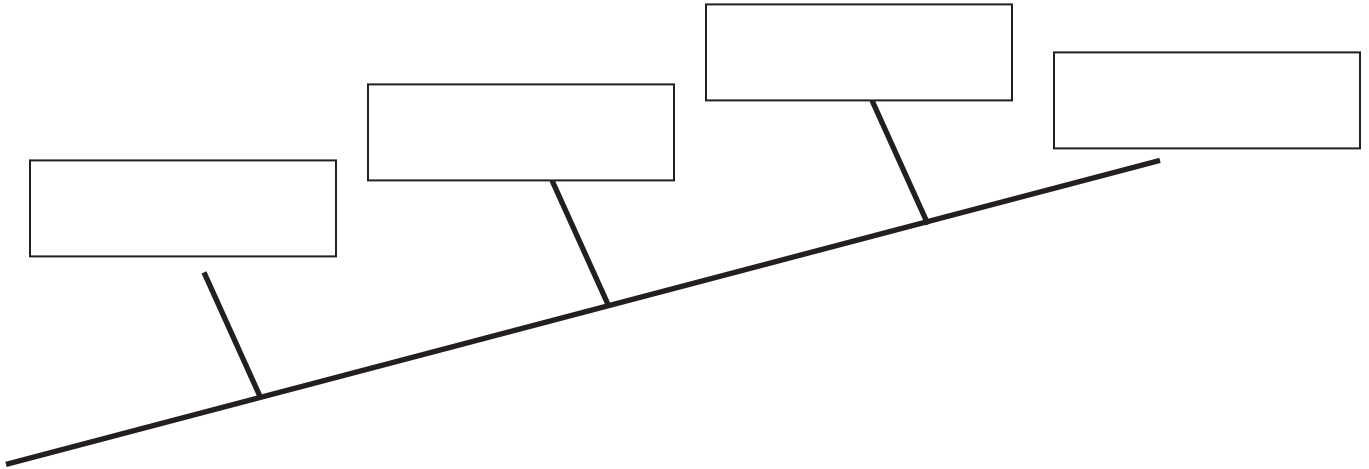
5. According to your cladogram, which two species are more closely related: humans and snakes or humans and mice? How do you know?

6. According to your diagram, what species are humans most closely related to? How do you know?

7. Fill in the following table. Mark an 'X' if an organism has each trait.

	cells	legs	6 legs	wings
<b>Worm</b>				
<b>Spider</b>				
<b>Ant</b>				
<b>Fly</b>				

8. Add each of these organisms to the cladogram below: worm, spider, ant, fly



9. USING COMPLETE SENTENCES, explain why you put each organism where you did on the cladogram.

10. On the cladogram above, add traits that make the organisms different from each other, like we did on our notes.

11. According to your cladogram, which two species are more closely related: worms and spiders or worms and ants? How do you know?

12. According to your cladogram, what species are flies most closely related to? How do you know?