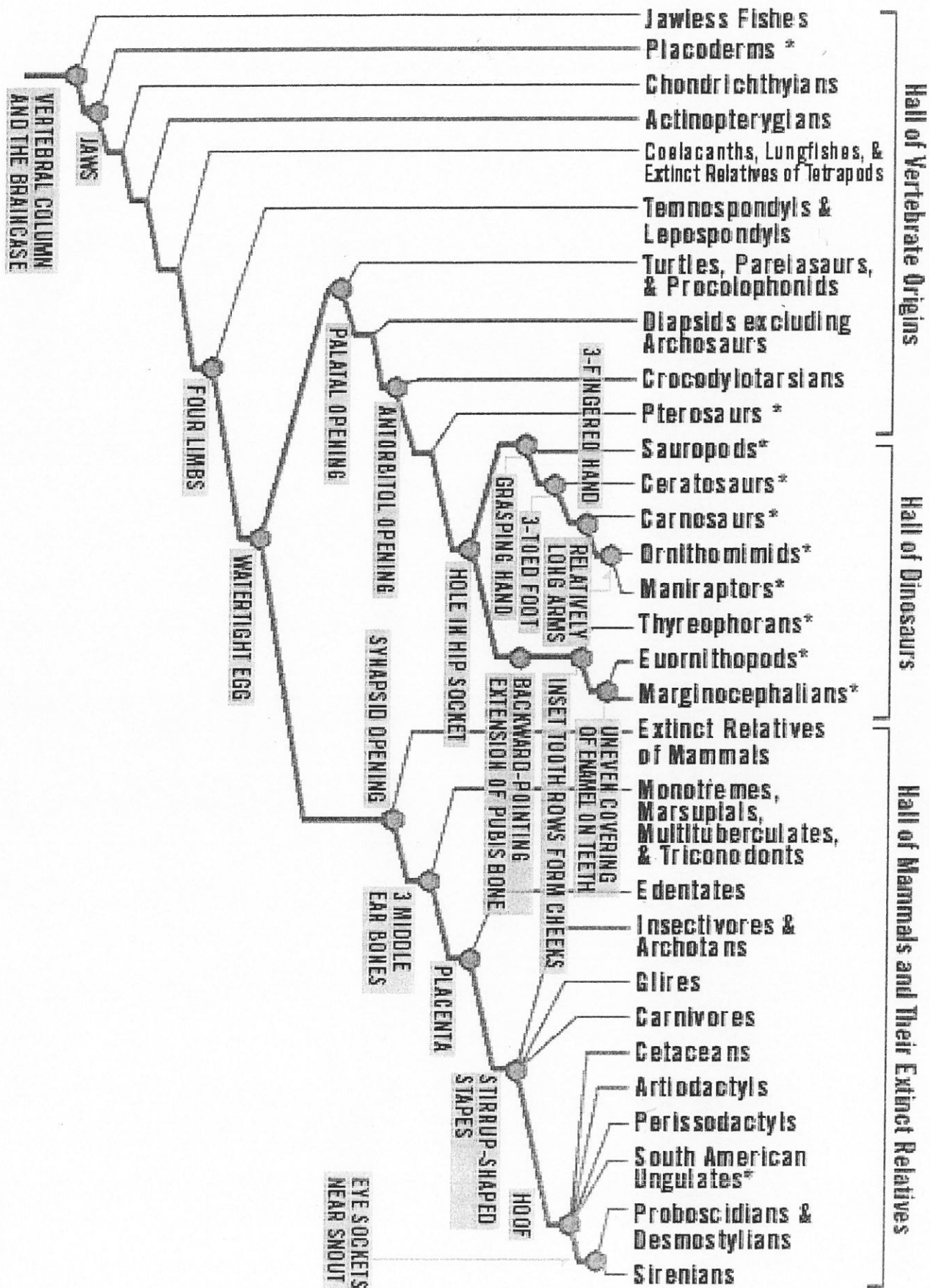


Name \_\_\_\_\_  
Hour \_\_\_\_\_

### Dinosaur Cladogram Worksheet

1. What dinosaurs are most closely related to Ornithomimids?
2. What organisms do not have jaws?
3. What organisms have four limbs, watertight eggs, palatal openings, antorbital openings, hole in their hip sockets, backward-pointing extension of pubis bone, inset teeth rows that form cheeks, and an uneven covering of enamel on their teeth?
4. Which organism most likely lived first Actinopterygians or Carnosaurs? Why do you think so?
5. What organism has a placenta but does not have stirrup-shaped stapes?
6. What four organisms have hooves, but do not have eye sockets near their snouts?
7. Are Sirenians more closely related to Demostylians or Monotremes?
8. Are Ceratosaurs or Lepospondyls the ancestors of Crocodylotarsians?
9. Are there any organisms that have a backward-pointing extension of pubis bone, but do not have inset tooth rows that form cheeks? Yes or No?
10. What organism has jaws, four limbs, watertight eggs, palatal opening, antorbital opening, a hole in hip socket, and a grasping hand, but does not have a 3-toed foot?



\* Extinct