

## Review Sheet: Reptile Rulers

What are the characteristics of an archosaur

Name at least three different archosaur "groups"

What is the single synapomorphy agreed upon by "most" paleontologists as being the defining characteristic of the Dinosauria?

Describe the two major hip structures found in dinosaurs, and which group bear each type

How did our interpretation of the lifestyle of sauropods dramatically change over the course of the latter part of the 20<sup>th</sup> century?

Be able to explain the general ecology of sauropods (feeding modes, life modes, reproduction, behaviors, neck postures, etc.)

What's "fermentative endothermy"?

Provide and discuss three adaptive reasons for gigantism

What character defines the theropods?

Be able to explain the general ecology of theropods (feeding modes, life modes, behavior etc.)

Discuss the feeding and general life modes of the 5 major ornithischian dinosaur groups and be able to provide an example organism for each.