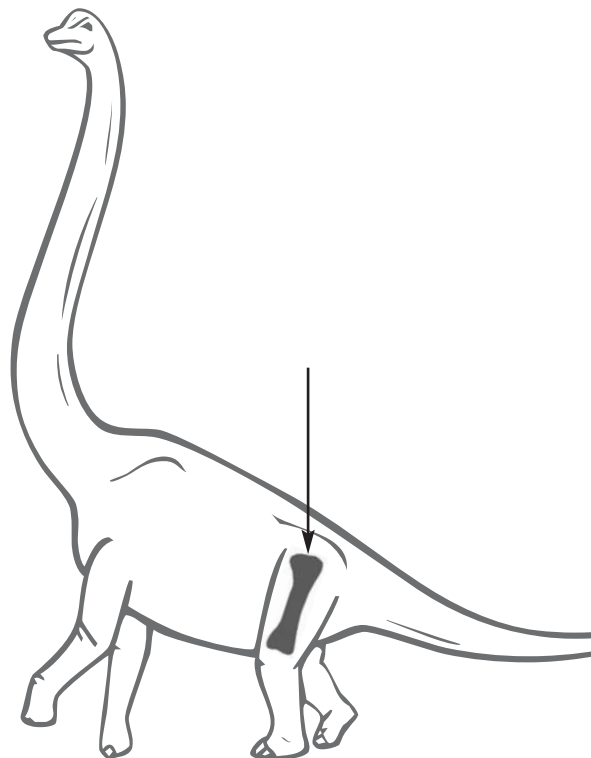
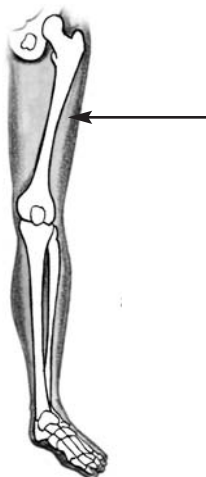


Name _____

Measure Your Femur

Many scientists study the bones of animals. Kristi Curry Rogers is a Paleontologist who works at the Science Museum of Minnesota. She studies dinosaur bones to try to figure out how fast dinosaurs grew.

She wants your help in studying a femur bone she found. A femur is the upper bone in any back leg. Many animals have femurs, even humans! To understand how bones can tell us how fast animals grow we can start by measuring human femurs.



Measure your femur while in class, and when you go home, measure the femurs of the people you live with. Measure the femurs in centimeters. Scientists around the world use the metric system.

Your femur length _____ cm age _____

_____ 's femur length _____ cm age _____

_____ 's femur length _____ cm age _____

_____ 's femur length _____ cm age _____

Who has the longest femur length in your family?

How many times longer is his/her femur than your femur?

This means:

$$\frac{\text{_____}}{\text{Longest femur length (from above)}} \div \frac{\text{_____}}{\text{My femur length (from above)}} = \frac{\text{_____}}{\text{How many times longer?}}$$