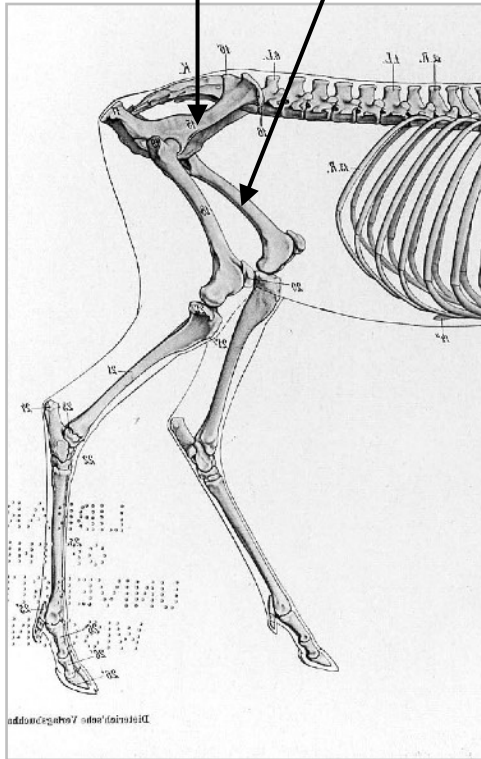


The Skeletal System

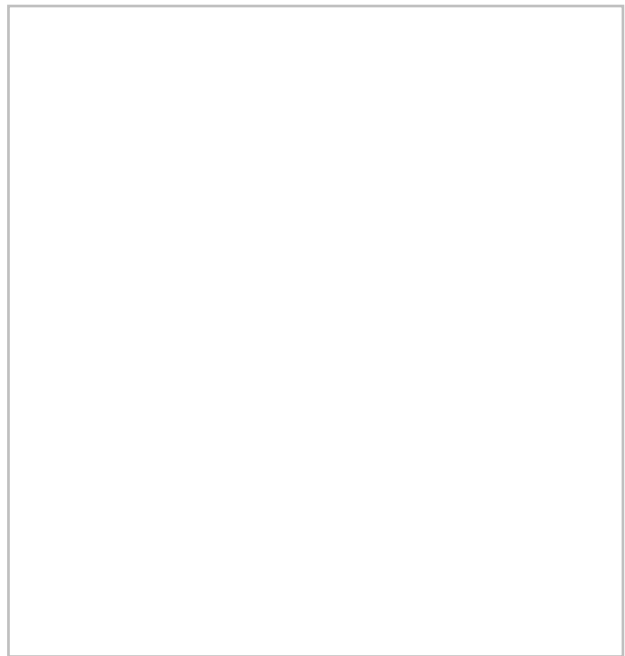
The Hip Joint

Look at the pelvis and femur bones of the deer.



Fit the seal femur and pelvis bones together. The ball of the femur fits into the pelvis socket.

Draw the deer and seal femur bones, to show their different shapes and sizes:



Tendons connecting bones to muscle

1. Find and twang your stringy tendons behind your knee.

Feel along one of your tendons to find the muscle at one end and bone at the other.

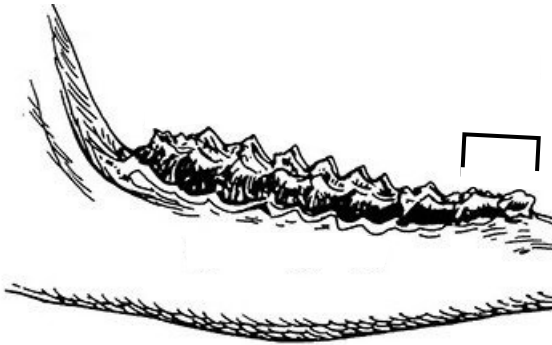
2. Put on gloves if you will handle the chicken.

Find the tendons on the dissected chicken leg. Your tendons look just like this, but are larger.

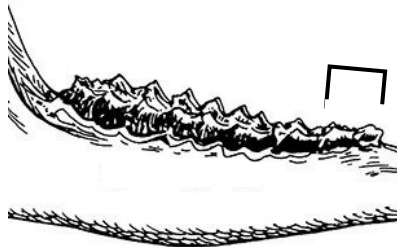
Pull on the chicken tendons to see how strong they are.

Jaw bones

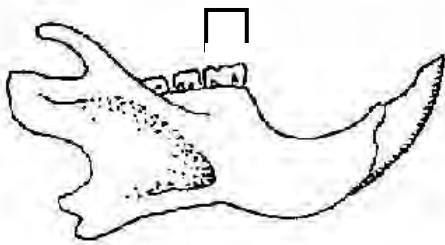
Measure the size of a molar tooth in each of the moose, deer and mouse jaws.



A **moose** molar measures _____



A **deer** molar measures _____



A **mouse** molar measures _____

Inside bones

Please handle the pieces carefully as they are delicate.

View bone slices against the light, to see the structure of the “spongy bone”.

Solve the bone puzzles.