

Name: _____
Date: _____

Measurements And Observations



Frog

- Length of muscle from top of femur to tibiofibula

- Length of muscle from humerus to radioulna

- Abdominal muscles measurement

- Lower leg at calcaneum

- Vertebra to Ischium

- Carpals to Phalanges

- Metatarsals to Phalanges

- Neck Structure - cervical vertebra to scapula area



You

- Length of quadriceps from top of femur to tibia

- Length of triceps from top of humerus to radius

- Abdominal muscles from lower sternum to just below naval

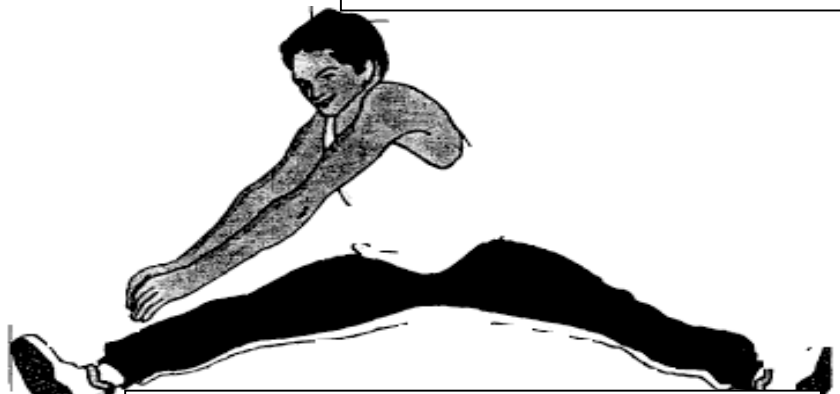
- Ankle area from talus to calcaneus

- Cervical vertebrae to lumbar vertebrae

- Carpals to phalanges

- Tarsals to phalanges

- Base of cranium to area of scapula



Think about the movement potential for both human and frog anatomy

How can we
determine the
frog's strength?

Name: _____

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Dissection Team 1 or 2



○ _____ Measure the upper portion of your thigh _____

_____ Measure the thickest part of the frog's hind limb – _____

_____ Measure your waist, your calf, and your chest - _____

_____ Compare your thigh measurement to these – _____

○ _____ Measure the abdominal cavity of the frog, the lower hind limb, _____
_____ and the upper thoracic areas of the frog – _____

_____ Make a comparison of these parts of the frog – _____

_____ Measure your total leg length – _____

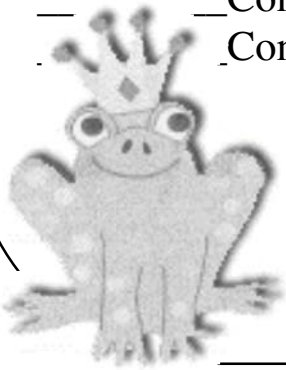
_____ Measure the frog's total leg length – _____

_____ Measure your total height – _____

_____ Measure the frog's total length – _____

○ _____ Compare the frog's leg length to his total body length – _____

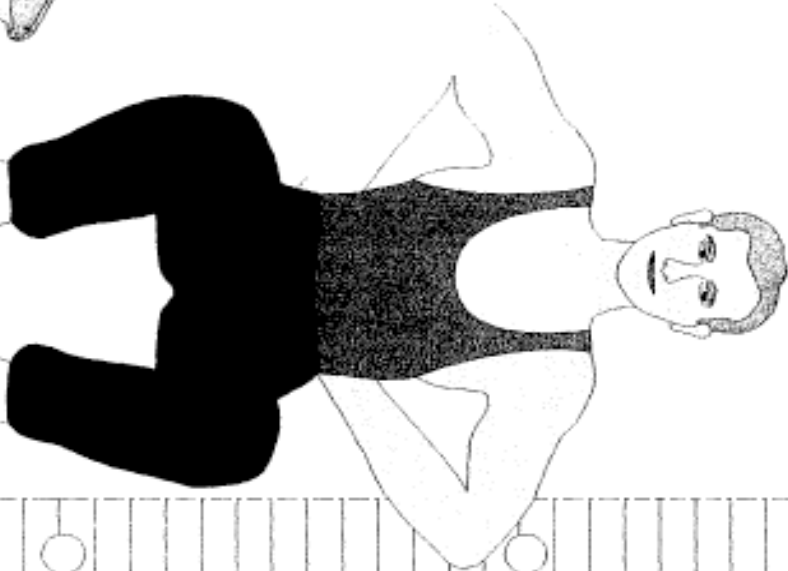
_____ Compare your leg length to your total height - _____



**Use this page with your LAB PARTNER –
Remember to WRITE CAREFULLY!**

Compare:

In what ways are the anatomy of the frog and the human anatomy SIMILAR?



Name: _____

A large rectangular area with horizontal lines for writing. At the top left corner of this area, there is a small circle. At the top right corner, there is another small circle, which aligns with the 'Name:' label. The lines are evenly spaced and extend across the width of the writing area.

You will use these facts in your debate.
Please WRITE CAREFULLY ! pagel

Compare:

In what ways are the anatomy of the frog and the human anatomy DIFFERENT?



Name: _____

You will use these facts in your
debate.
Please WRITE CAREFULLY ! page 2.

A large rectangular area with horizontal lines for writing. At the top of this area, there are two small circles, one on the left and one on the right, resembling punch holes. The frog illustration from the top image is partially visible on the right side of this writing area.