**Frog Dissection Lab**

**LAB PARTNER(S): Name**

**Objective:**

**Safety Rules:**

**Materials:** Please list materials used.

**Procedure:** (Provide link to website or YouTube video.)

Please write out a procedure using correct terms.

**Data:** Provide proof of knowledge for the following objects.

*Head:*

Nictitating membrane

tympanic membrane

tongue (make sure to tell/show where it is attached)

eustachian tubes (hint in mouth)

vomarine teeth

internal nares

glottis

esophagus

*Internal:*

fat bodies

peritoneum

liver

heart

lungs

gall bladder

stomach (including any contents)

intestine (you must measure this so include the length)

kidneys

Leg:

Muscles

Femur

Tibiofibula

**Conclusion:**

1. The frog’s eye has two feature that assists it needs. Describe how the membrane covering the eye and the location of the eyes both help the frog.

2. The frog is colored slightly different on its dorsal (top) and ventral (bottom/belly)

sides. How does this difference in coloration aide in the survival of the frog in their

natural environment?

3. The lungs are rather puny compared to the frog’s overall size. Why do you think it

may not be so important for the frog to have large, well-developed lungs? Describe how else the frog breathes?

4. Compare and contrast the organ systems studied in the frog with those of invertebrates.

5. Compare and contrast the organ systems studied in the frog with those of other vertebrates.