## **Classification Introduction**

1. Kingdoms – give an example of each

	Animalia	Plantae	Fungi	Eubacteria	Archaebacteria	Protists				
Examples										
2. Into what kingdom would each of the following be classified?										
a. l	Jnicellular pro	karyotes that I	ive in dust							
b. l	Jnicellular eul	karyotes that lin	ne in pond wat	er	·					

d.	Unicellular prokaryot	es that live in volcanic ash.	

e. Multicelluar eukaryotes that have cell walls and are heterotrophic.

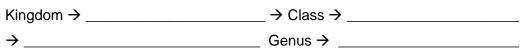
c. Multicellular eukaryotes that live all over the planet and consume food.

f. Multicelluar eukaryotes that have cell walls and are autotrophic.

3. Which two animals is the tiger most closely related to?

. Which two animals is the tiger most closely related to?	Panthera leo	Lion	
. Would you expect an animal with the name <i>Rania concolor</i> to look milar to a mountain lion? Why or why not?	Felis catus Canis lupus Panthera tigris	House cat Wolf Tiger	

- 5. Which animal is the house cat most closely related to?
- 6. Organisms that belong to the same class must belong to the same: (check) \_\_\_\_\_ Order \_\_\_\_\_ Phylum \_\_\_\_\_ Kingdom \_\_\_\_ Family
- 7. Fill in the blanks:





Common Name

8. In each pair, circle the one that you would expect to find the most individual species:

Kingdom & Genus Genus & Order

Phylum & Kingdom

Class & Family

Order & Phylum

Scientific Name

Panthera onca

Phylum & Class

Order & Class

Genus & Species