Class	ification of I	iving Thing	s Nam	e			_ Date		
1.	1 A person who studies the groupings of living things is a (taxonomist / classificationist).								
2	The (Bacteria / Moneran) kingdom was recently divided into two separate kingdoms.								
3.	One characteristic of organisms in the (plant / animal) kingdom, is the ability to use photosynthesis to make glucose.								
4									
5.	history. Organisms in the (Archaebacteria / Eubacteria) kingdom have the ability to live in extreme environments.								
6	Prokaryotic cells have no nucleus or other (organelles / cell walls).								
7.	H. sapiens is the scientific name for a human. The H. stands for (homo/homindae).								
8 The scientific name for a bobcat is Lynx rufus. The (genus / family) of the bobcat is Lynx.									
Characteristic	Archaebac	teria Eub	cteria	Fungi	Protist		Plantae	Animalia	
Cell type	Prokaryo	otic Proka	ryotic	Eukaryotic	Eukaryot		Eukaryotic	Eukaryotic	
Body form	Unicellu		ellular	Unicellular Multicellular	Unicellul Multicellu		Multicellular	Multicellular	
Method of obtaining food			trophic rophic	Heterotrophic	Heterotrop Autotropl		Autotrophic	Heterotrophic	
Complex organ systems	The second secon		lo	No	No		Yes	Yes .	
TRUE / FALSE 9. All fungi are multicellular. 10. All animals are made of cells, organs, and organ systems. 11. Some Archaebacteria, Eubacteria, and Protists undergo photosynthesis or chemosynthesis 12. The cells of fungi and protists DO NOT have a true nucleus. 13. There are no differences between fungi and protists. 14. Unicellular organisms CANNOT have complex organ systems. Complete Taxonomy—in order									
Grey wolf									
Gopher	Animalia	Chordata	Mamr			nyidae	Thomomys	bottae	
# Housefly	Animalia	Arthropoda	Inse	cta Dipte	era Mu	scidae	Musca	domestica	
15 Do the grey wolf and the gopher produce milk for their young?									
16.	16Rabbits are rodents. Which of the above animals is more closely related to rabbits?								
	17 How many of these organisms are heterotrophic, multicellular, and eukaryotes?								
	18 Using binomial nomenclature, give the scientific name of the grey wolf.								
19	19 Could a grey wolf and a gopher mate and produce fertile offspring?								
20	20 How many taxonomic groups would the grey wolf share with a dog if the scientific name for a dog is <i>Canis familiaris</i> ?								
21	1 In which phylum do organisms with a spinal cord belong?								
22 Give the <u>scientific name</u> of the organism above that does not have hair and does not produce milk for its young.									