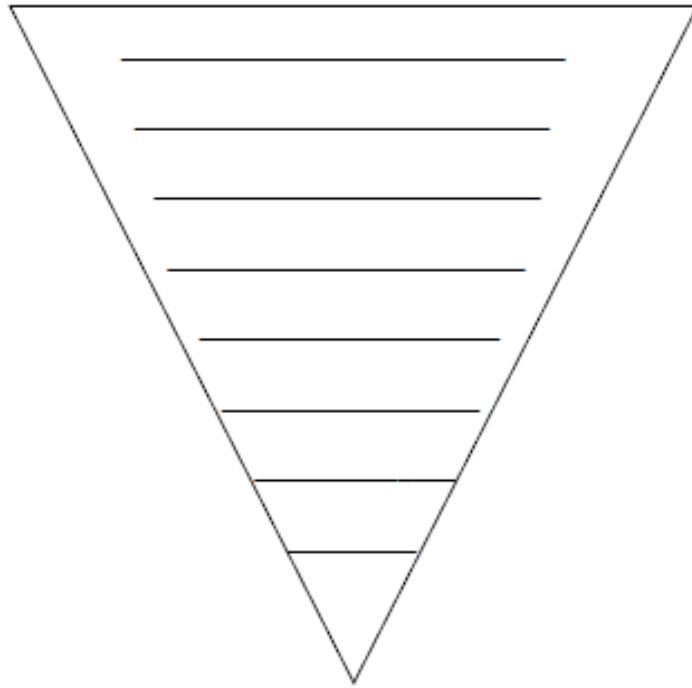


Name: _____ Date: _____ Period: _____

Taxonomy Practice:

List the 8 taxa in order from largest to smallest.



1. If organisms share the same family, what other taxa do they share?
2. If organisms share the same class, what other taxa do they share?
3. If organisms share the same order, will they always share the same family?
4. What two taxa make up the scientific name?
5. Which taxon is the most inclusive?
6. Which taxon is the least inclusive?
7. Who is more closely related, organisms sharing the same order or those sharing the same class?
8. Which taxon can interbreed with each other to produce fertile offspring?
9. What genus is *Felis concolor* in?
10. Circle the pair that is more closely related:





Felis concolor and *Felis domesticus* OR *Felis concolor* and *Panthera concolor*

Name: _____

Eight Taxon Levels of Classification

1. Which taxon includes the most specific characteristics? _____
2. Which taxon includes the broadest characteristics? _____
3. Which taxon includes more organisms – species, order, or family? _____
4. Which taxon includes only organisms that can successfully interbreed? _____
5. If two organisms belong to the same family, what other taxonomic groups do the organisms have in common?

Examine the table showing the classification of four organisms. Then answer the questions.

TAXON	GREEN FROG 	MOUNTAIN LION 	DOMESTIC DOG 	HUMAN 
Kingdom	Animalia	Animalia	Animalia	Animalia
Phylum	Chordata	Chordata	Chordata	Chordata
Class	Amphibia	Mammalia	Mammalia	Mammalia
Order	Anura	Carnivora	Carnivora	Primates
Family	Ranidae	Felidae	Canidae	Hominidae
Genus	<i>Rana</i>	<i>Felis</i>	<i>Canis</i>	<i>Homo</i>
Species	<i>Rana clamitans</i>	<i>Felis concolor</i>	<i>Canis familiaris</i>	<i>Homo sapiens</i>

6. Which two organisms in the chart are the most closely related? Why? _____

7. To which taxa do all four organisms belong? _____
8. What is the order, family, and genus of a human? _____
9. Classify *Rana temporaria*
Kingdom _____
Phylum _____
Class _____
Order _____
Family _____
Genus _____
Species _____