

Name: _____



Practice with Taxonomy

1. List the order of taxa from largest to most specific: _____, _____,

_____, _____, _____, _____,

_____, _____,

2. Why are scientific names better to use in the scientific community than common names? _____

3. Which two taxa make up the scientific name?

4. Organisms that belong to the same class, must belong to the same : (check all that apply)

___ Order ___ Phylum ___ Kingdom ___ Family

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

Kingdom or Genus

Phylum or Kingdom

Class or Family

Order or Phylum

Genus or Order

Phylum or Class

Order or Class

Genus or Species

Scientific Name...Common Name

Panthera pardus..Leopard

Felis lybica.....African Wild Cat

Panthera leoLion

Felis catusHouse cat

Canis lupus.....Wolf

Panthera tigris..Tiger



6. Based on the chart, which two animals are most closely related to the tiger:

_____ & _____

7. Would you expect an animal with the name *Rania lupus* to look similar to a wolf? _____ Why or why not? _____

8. Which animal is most closely related to the house cat? _____

Interpreting Graphics - Taxonomy

Answer true or false to the following statements. Use the graphic to determine the answers.

- | | |
|---|---|
| 1. ___ Dogs belong to the order Felidae. | 7. ___ All amphibians belong to the class reptilia. |
| 2. ___ A fox belongs to the phylum Arthropoda. | 8. ___ All primates are mammals. |
| 3. ___ Snakes belong to the phylum Reptilia. | 9. ___ Class mammalia includes dogs, cats & rats. |
| 4. ___ Lions belong to the class mammalia | 10. ___ A lion belongs to the genus Felis. |
| 5. ___ All arthropods belong to the Class Insecta | 11. ___ All mammals are primates. |
| 6. ___ All rodents belong to the phylum chordata. | 12. ___ Insects and lobsters are arthropods |

In each set, circle the pair that is most closely related.

- 13. snakes & crocodiles | snakes & frogs
- 14. rats & cats | cats & dogs
- 15. insects & lobsters | insects & birds
- 16. lions & tigers | lions & cougars
- 17. foxes & rats | foxes & dogs
- 18. cats & dogs | cats & lions

