****Interpreting Graphics - Taxonomy**

True or False:

1. \_\_\_\_\_ Dogs belong to the order Felidae.  
2. \_\_\_\_\_ A fox belongs to the phylum Arthropoda.  
3. \_\_\_\_ Snakes belong to the phylum Reptilia.  
4. \_\_\_\_\_ Lions belong to the class Mammalia  
5. \_\_\_\_\_ All arthropods belong to the Class Insecta  
6. \_\_\_\_\_ All rodents belong to the phylum Chordata.  
7. \_\_\_\_\_ All amphibians belong to the class Reptilia.  
8. \_\_\_\_\_ All primates are mammals.  
9. \_\_\_\_\_The class Mammalia includes dogs, cats and rats.  
10. \_\_\_\_\_A lion belongs to the genus Felis.  
11. \_\_\_\_\_All mammals are primates.  
12. \_\_\_\_\_ Insects and lobsters are arthropods.

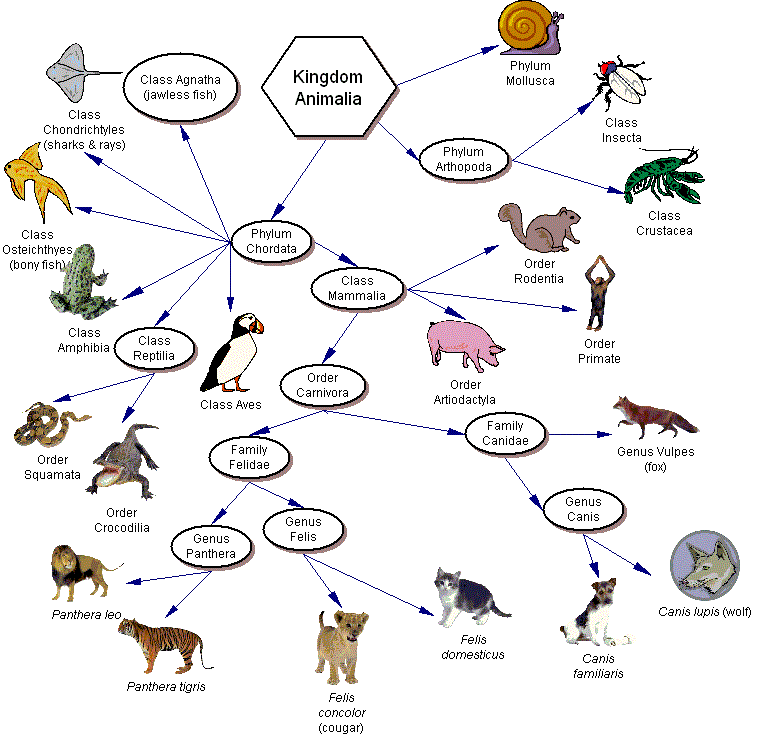
In each set, circle the pair that is most closely related.

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

19. List all species pictured that belong in the Felidae family:

20. Create an addition to the image given the following information:

* Mollusks are divided into three classes: Class Cephalopoda (squids), Class Gastropoda (snails), Class Bivalve (clams and oysters)
* Cephalapods have a few orders, one of which is Octopoda (octopus) and another is Teuthida (squids)
* The scientific name for the common octopus is *Octopus vulgaris*.
* The scientific name for the common European squid is *Loligo vulgaris*.



20. The image does not show orders of insects. Suggest three categories of insects that would likely be grouped into orders. Hint: think about what kind of insects there are. Add your three categories to the image.