

Key

Taxonomy!  
Use the graphic on the back to answer the following questions

Interpreting Graphics - Taxonomy

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

1. F Dogs belong to the order Felidae.
2. F A fox belongs to the phylum Arthropoda.
3. T Snakes belong to the phylum Reptilia.
4. T Lions belong to the class mammalia
5. F All arthropods belong to the Class Insecta
6. F All rodents belong to the phylum chordata.
7. F All amphibians belong to the class reptilia.
8. T All primates are mammals.
9. T The class mammalia includes dogs, cats and rats.
10. F A lion belongs to the genus Felis.
11. F All mammals are primates.
12. T 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 (use species name) all the animals pictured that belong in the Felidae family.

Felis domesticus     ~~Panthera~~ Panthera tigris  
Felis concolor     Panthera leo

21. 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 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*.

