

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. _____ 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 (use species name) all the animals pictured that belong in the Felidae family.



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)
- Cephalopods 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*.

