

Interpreting Graphics – Taxonomy ANSWER KEY

Answer TRUE or FALSE to the following statements:

1. F Dogs belong to the order Felidae.
2. F A fox belongs to the phylum Arthropoda.
3. F Snakes belong to the phylum Reptilia.
4. T Lions belong to the class mammalia (mammals)
5. F All arthropods belong to the Class Insecta
6. T All rodents (rodentia) 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 squirrels.
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 or snakes & frogs
14. rats & cats or cats & dogs
15. insects & lobsters or insects & birds
16. lions & tigers or lions & cougars
17. foxes & rats or foxes & dogs
18. cats & dogs or cats & lions

17. List (use species name) all the animals pictured that belong in the Felidae family:

Panthera leo, Panthera tigris, Felis concolor, Felis domesticus

18. List all the animals pictured that belong to the Carnivora order.

Genus vulpes, Canis familiaris, Canis lupus, Panthera leo, Panthera tigris, Felis concolor, Felis domesticus

