

Name: _____

Vertebrate Classifications



mammals

reptiles

amphibians

birds

fish



Use the clues to identify the vertebrate group.

1. _____ These animals are warm-blooded. They lay eggs and take care of their young.
2. _____ These animals are warm-blooded. They have hair or fur on their bodies. Their young do not hatch from eggs.
3. _____ These animals are cold-blooded. They breathe with gills when young, but they grow lungs when they become adults.
4. _____ These animals are cold-blooded. They breathe with gills throughout their lives.
5. _____ These animals are cold-blooded. They have dry, scaly skin. and breathe air through lungs.

To which vertebrate group does each animal below belong?

- | | |
|-------------------|---------------------|
| 6. elephant _____ | 7. salamander _____ |
| 8. penguin _____ | 9. shark _____ |
| 10. lizard _____ | 11. alligator _____ |
| 12. ostrich _____ | 13. tree frog _____ |
| 14. whale _____ | 15. human _____ |

Name: _____

Vertebrate Classifications

Tell whether each sentence is *true* or *false*.

16. _____ All birds have feathers.

17. _____ All mammals have hair or fur.

18. _____ Reptiles are warm-blooded.

19. _____ All birds can fly.

20. _____ All birds have a beak or bill.

21. _____ All birds have 2 feet.

22. Is a bat a bird or a mammal? Explain.

23. Is a dolphin a fish, amphibian, or a mammal? Explain.

24. What is the difference between *cold-blooded* and *warm-blooded* animals?



ANSWER KEY

Vertebrate Classifications



mammals

reptiles

amphibians

birds

fish



Use the clues to identify the vertebrate group.

- birds** These animals are warm-blooded. They lay eggs and take care of their young.
- mammals** These animals are warm-blooded. They have hair or fur on their bodies. Their young do not hatch from eggs.
- amphibians** These animals are cold-blooded. They breathe with gills when young, but they grow lungs when they become adults.
- fish** These animals are cold-blooded. They breathe with gills throughout their lives.
- reptiles** These animals are cold-blooded. They have dry, scaly skin, and breathe air through lungs.

To which vertebrate group does each animal below belong?

- elephant **mammal**
- salamander **amphibian**
- penguin **bird**
- shark **fish**
- lizard **reptile**
- alligator **reptile**
- ostrich **bird**
- tree frog **amphibian**
- whale **mammal**
- human **mammal**

ANSWER KEY

Vertebrate Classifications

Tell whether each sentence is *true* or *false*.

16. **true** All birds have feathers.
17. **true** All mammals have hair or fur.
18. **false** Reptiles are warm-blooded.
19. **false** All birds can fly.
20. **true** All birds have a beak or bill.
21. **true** All birds have 2 feet.



22. Is a bat a bird or a mammal? Explain.

A bat is a mammal because they do not hatch from eggs, they are warm-blooded, and they have hair.

23. Is a dolphin a fish, amphibian, or a mammal? Explain.

A dolphin is a mammal because they do not hatch from eggs, and they are warm-blooded. They even have a small amount of hair on their nose when they are born.

24. What is the difference between *cold-blooded* and *warm-blooded* animals?

Cold-blooded animals' have body temperature that change according to their surroundings. Warm-blooded animals maintain a constant body temperature.