

## Kingdom Animalia Worksheet

1. What is an animal?
2. How do invertebrates differ from vertebrates?
3. Explain the different types of symmetry.
4. Distinguish between acoelomates, pseudocoelomates, and coelomates.
5. List and give symptoms of several diseases caused by animals.
6. Account for the fact that **MOST** invertebrates are aquatic and **MOST** vertebrates are terrestrial.
7. What is the most diverse group of animals? Explain.
8. Compare and contrast the different classes of Annelida (segmented worms).
9. What is it about arthropods that make them so diverse?
10. Compare and contrast the similarities and differences among major groups of arthropods.
11. Compare the similarities among the different classes of echinoderms.
12. What evidence do Biologists have for determining that echinoderms are close relatives of chordates?
13. Explain how invertebrate chordates are related to vertebrates.
14. Distinguish between sea squirts and lancelets.
15. Compare and contrast the characteristics of the different classes of fishes.
16. Relate the evolution of the three-chambered heart to the amphibian life style.
17. Compare and contrast the different orders of amphibians.
18. Compare the characteristics of different orders of reptiles.
19. Relate bird adaptations to their ability to fly.
20. Compare the characteristics of the different order of birds.
21. Which came first, the chicken or the egg? Defend your answer.
22. Explain how the characteristics of mammals enable them to adapt to most habitats on Earth.
23. Compare the reproduction of the three different groups of living mammals. Describe any other differences.