

Unit 4: Lesson 5- Introduction to Animals

Vocabulary

1. Consumer (page 343)-

2. Invertebrate (page 345)-

3. Exoskeleton (page 345)-

4. Vertebrate (page 345)-

5. Endoskeleton (page 345)-



What Characteristics Do Animals Share? Pages 342-343

1. What are the six characteristics that all animals share?

2. What type of organisms are animals? _____

3. What type of cells do animals have? _____

4. What is cell differentiation?

5. What are some examples of how animals move?

6. Why do animals move?

7. What is an example of an organism that does not move, but moves one part in their life cycle?

8. Do all animals reproduce in the same way? _____

9. How do animals reproduce?

10. How does sexual reproduction happen in animals?

11. What animals reproduce through asexual reproduction?

12. What does asexual reproduction mean?

13. What are consumers?

14. To function well, what do all animals need to maintain? _____

15. How do birds and mammals maintain their body temperature?

16. How might an organism that relies on the environment to maintain their body temperature do so?

What Groups Make Up The Diversity of Animals? Pages 344-345

17. What are two ways to categorize animals?

18. What does asymmetry mean? Give an example.

19. What does radial symmetry mean? Give an example.

20. What does bilateral symmetry mean? Give an example.

21. What are invertebrates?

22. What is an exoskeleton?

23. What percentage of animals are invertebrates? _____

24. Which type of reproduction is more common with invertebrates? _____

25. What are examples of invertebrate that use both sexual and asexual reproduction?

26. What are tunicates and lancelets?

27. What are some characteristics that tunicates and lancelets share with vertebrates?

28. What are chordates?

29. What are vertebrates?

30. What is an endoskeleton?

31. What type of reproduction do almost all vertebrates go through? _____

32. You may be unfamiliar with the lancelet, but since lancelets are animals, what six things do you know must be true about them?



What are some different kinds of invertebrates? Pages 346-347

33. What characteristics do scientists use to classify animals?

34. What are some characteristics of echinoderms?

35. What are some characteristics of cnidarians?

36. What are some characteristics of ctenophores?

37. What are some characteristics of porifera?

38. What are some characteristics of arthropoda?

39. What are some characteristics of Annelida?

40. What are some characteristics of Mollusca?

41. What are some characteristics of Nematoda?

42. What are some characteristics of Platyhelminthes?



What are Some Different Kinds of Vertebrates? Pages 348-349

43. How many groups are vertebrates grouped into? _____

44. What are the names of the groups of vertebrates?

45. What characteristics do scientists look at when classifying vertebrates?

46. What are some characteristics of Amphibians?

47. What are some characteristics of reptiles?

48. What are some characteristics of birds?

49. What are some characteristics of fish?

50. What are some characteristics of mammals?

51. What are the three ways that mammals can give birth?

52. What characteristic separates invertebrates from vertebrates?

53. What are some physical characteristics that scientists use to classify these vertebrates?
