

## Ch 33 REVIEW: Mammals

1. List the characteristics that unify mammals?
2. What does sub-cutaneous mean?
3. How do mammals reproduce? How do their embryos develop? Include information for each of the 3 classes.
4. What is so interesting about tree shrews?
5. How does a herbivore chew? A carnivore?
6. How is a cow's digestive system different from our own?
7. How does the digestive system of a herbivore differ from that of a carnivore?
8. How are the cecum of a rabbit and the appendix of a human related?
9. What are baleen?
10. How does a vampire bat eat?
11. Describe the process of inhaling and exhaling with respect to thoracic cavity volume and internal air pressure.
12. How do mammals excrete their nitrogenous wastes? What form is it in?
13. What else do the kidneys do for mammals?
14. What is the largest part of the brain in a mammal? Why?
15. Describe the vision of mammals. How are apes monkeys and humans different than most mammals?
16. What does "gestation" mean?
17. What type of mammal has the longest gestation times? The shortest?
18. What 3 characteristics do scientists use to classify mammals?
19. What does the placenta do?
20. What marsupials live in North America?
21. How do bats find their prey?
22. What do rodents have that is unusual about their teeth?
23. How are seals and walrus different from whales and dolphins in terms of lifestyle and reproduction?
24. What is the advantage of developing your embryos inside your body?(placental animals).
25. What is the difference between New World Monkeys and Old World Monkeys? Give examples of both.
26. Label the diagram of the mammalian respiratory system. Be sure to know the function of each of the parts.
27. Label the diagram of the mammalian brain. Know the functions of the parts.
28. Label the diagram of the mammalian heart. Know the path of blood through the heart.
29. Label the diagram of the internal structures of the rat. Know the function of the parts.