
32-1 SECTION REVIEW

1. What are three important characteristics of all mammals?
2. What are two adaptations of mammals that enable them to live in many more different kinds of environments than reptiles do?
3. What changes occurred in the Earth's climate that finally allowed the mammalian adaptive radiation to occur?
4. In what three ways have well-developed senses contributed to the success of mammals?
5. How do the reproductive methods of the three mammalian groups differ? How are they similar?
6. **Critical Thinking—Making Comparisons** The big cats of Africa are known to sleep between kills. In fact, lions sleep up to 20 hours out of every 24! Large herbivores, on the other hand, seem to eat all the time. What characteristics of the foods eaten by these animals might be responsible for these differences in carnivore and herbivore behaviors?

32-2 SECTION REVIEW

1. What is a placental mammal? How does a placental mammal differ from a pouched mammal?
2. How do monotremes provide evidence for the evolution of mammals from ancient reptiles?
3. Name five different orders of placental mammals and give an example of each.
4. In what four ways do mammals influence human life?
5. **Critical Thinking—Making Predictions** How could you predict the diet of a mammal by looking at its teeth?