

Chapter 33 Comparing Chordates

Section Review 33-2

Reviewing Key Concepts

Short Answer *On the lines provided, answer the following questions.*

- 1. Explain the importance of controlling body temperature for an organism.

- 2. What are the three important features that all vertebrates incorporate into controlling body temperature?

Identification *On the lines provided, identify each description as a characteristic of an endotherm or an ectotherm.*

- _____ 3. includes most fishes, reptiles, and amphibians
- _____ 4. has a high rate of resting metabolism
- _____ 5. may sweat to get rid of excess body heat
- _____ 6. is more energy efficient in environments with constant warm temperatures
- _____ 7. can move around easily at night and during cool weather
- _____ 8. requires a large amount of food

Reviewing Key Skills

- 9. **Applying Concepts** Give examples of how an alligator would adjust to changes in environmental temperature.

- 10. **Comparing and Contrasting** How are the temperature-regulating systems of birds and mammals similar? How are they different?
