

Chapter 34 Study Guide

Description	Epidermis	Dermis
1. The outermost layer of skin		
2. Contains connective tissue, glands, and muscles		
3. The thicker, inner layer of skin		
4. Partly composed of dead, keratin-containing cells		
5. Contains pigmented cells that protect against the sun's rays		
6. Hair follicles grow out of this layer		
7. Site of continual mitotic cell divisions		
8. Richly supplied with blood vessels and nerves		

9. How does skin help regulate body temperature?

Identify the following as being part of the axial or appendicular skeleton.

- | | |
|---|---|
| <p>_____ 1. the tarsals, metatarsals, and phalanges in your foot</p> <p>_____ 2. the seven vertebrae in your neck</p> <p>_____ 3. your rib cage</p> | <p>_____ 4. the bones in your shoulder</p> <p>_____ 5. your lower jaw</p> <p>_____ 6. the humerus in your arm</p> |
|---|---|

7. What is the difference between a ligament and a tendon?

Complete the table by checking the correct column for each description.

Description	Type of Muscle		
	Smooth	Skeletal	Cardiac
1. under voluntary control			
2. striated			
3. slow, prolonged contractions			
4. attached to bones			
5. found only in the heart			
6. not under voluntary control			
7. lines cavities and surrounds organs			