

Ch 32-3. Primates & Human Origins. Biology. Landis

Como se llama? _____

Section 32–3 Primates and Human Origins (pages 833–841)

This section describes the characteristics shared by all primates and the evolutionary history of primates. It also tells about the ancestors of humans.

What Is a Primate? (pages 833–834)

1. What characteristic distinguished the first primates from other mammals?
2. List the four adaptations that are shared by primates.
3. Circle the letter of each sentence that is true about primates.
 - a. Primates are well adapted to a life of running on the ground.
 - b. Opposable digits allow primates to hold objects firmly in their hands.
 - c. A well-developed cerebrum enables primates to display elaborate social behaviors.
 - d. Because primates have a flat face, both eyes point to the sides.
4. What is binocular vision?

Evolution of Primates (pages 834–835)

5. Circle the letter of each characteristic of prosimians.
 - a. nocturnal
 - b. diurnal
 - c. small in size
 - d. small eyes

Match the characteristics to the anthropoid group. Each anthropoid group may be used more than once.

Characteristic

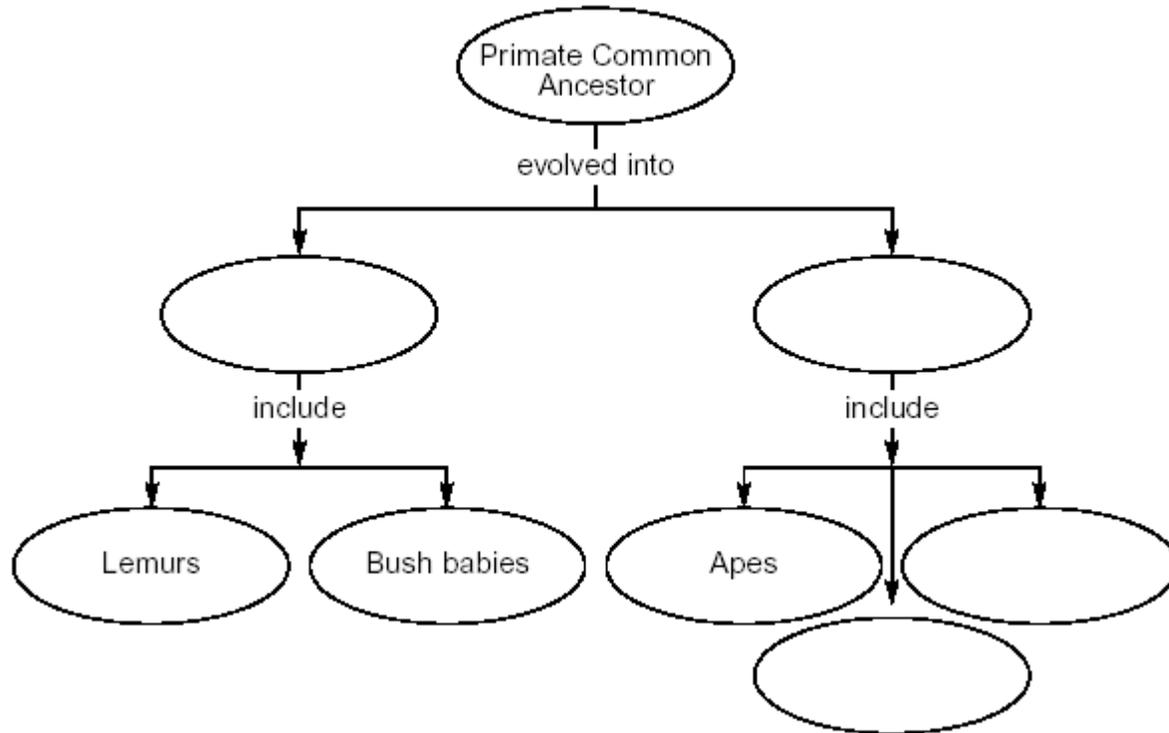
6. Found today in Central and South America
7. Found today in Africa and Asia
8. Includes baboons and macaques
9. Includes squirrel monkeys and spider monkeys
10. Lack prehensile tails
11. Long, prehensile tails and long, flexible arms

Anthropoid Group

- a. New World monkeys
 - b. Old World monkeys
12. The anthropoid group that includes Old World monkeys also includes the great apes, or

Ch 32-3. Primates & Human Origins. Biology. Landis

13. Complete the concept map to show the evolution of primates.



What Is a Hominid? (pages 835–838)

14. What was the importance of bipedal locomotion that evolved in the hominid family?

15. What did hominids evolve that enabled grasping objects and using tools?

16. Describe the fossil evidence that links humans with their nonhuman primate ancestors.

17. Circle the letter of each characteristic of the hominid genus *Australopithecus*.

- a. bipedal apes
- b. never lived in trees
- c. fruit eaters
- d. very large brains

18. Currently, do researchers completely understand the evolution of the hominid species? Why, or why not?

The Road to Modern Humans (page 839)

19. *Homo habilis* was found with tools made of

Out of Africa – But Who and When? (page 840)

20. Describe the two hypotheses that explain how modern *Homo sapiens*

Ch 32-3. Primates & Human Origins. Biology. Landis

might have evolved from earlier members of the genus *Homo*.

Modern *Homo sapiens* (page 841)

21. Circle the letter of each characteristic of Neanderthals.
 - a. stone tools
 - b. lived in social groups
 - c. gave rise to *H. sapiens*
 - d. made cave paintings
22. Is the following sentence true or false? Neanderthals and *Homo sapiens* lived side by side for around 50,000 years.
23. What fundamental changes did some populations of *H. sapiens* make to their way of life around 50,000–40,000 years ago?

WordWise

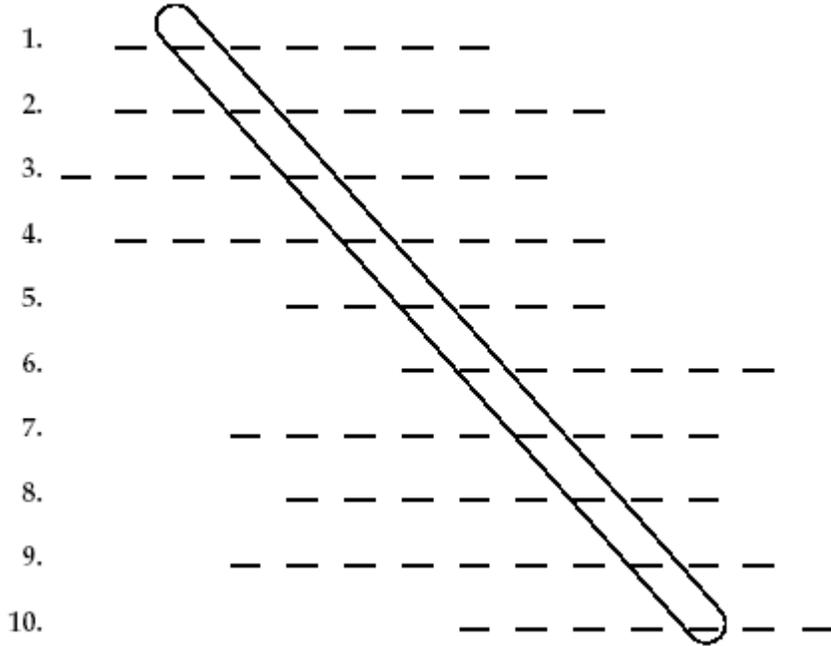
Use the clues below to identify each vocabulary term from Chapter 32. Write the words on the line, putting one letter in each blank. When you finish, the word enclosed in the diagonal lines will reveal the name of one of the groups of primates.

Clues

1. The glands in mammals that produce milk to nourish the young are ____ glands.
2. The ability to merge visual images from both eyes is called ____ vision.
3. A mammal that lays eggs
4. A muscle that pulls the bottom of the chest cavity downward during inhalation
5. Part of the cerebrum that is the center of thinking is the cerebral ____.
6. This family includes modern humans and their closest relatives
7. An external pouch in which marsupial embryos complete their development
8. Anthropoid group that is also known as the great apes and includes gibbons, orangutans, gorillas, chimpanzees, and humans
9. A tail that can coil tightly around a branch
10. Locomotion that uses only two feet

Vocabulary Terms

Ch 32-3. Primates & Human Origins. Biology. Landis



©Pearson Education, Inc. All rights reserved. Modified for local use.