

**Chapter 32 Mammals****Section Review 32-3****Reviewing Key Concepts**

**Completion** *On the lines provided, complete the following sentences.*

1. Primates have the ability to merge images with both eyes, which is called \_\_\_\_\_.
2. Primates display complex behaviors because the part of their brain called the \_\_\_\_\_ is well developed.
3. All primates have arms that can rotate in broad circles around their \_\_\_\_\_.
4. The \_\_\_\_\_ and \_\_\_\_\_ of primates are flexible, enabling them to grasp objects and run along tree limbs.
5. The two major evolutionary groups of primates are \_\_\_\_\_ and \_\_\_\_\_.
6. Most paleontologists agree that there are five known genera of fossil \_\_\_\_\_, or primates that walked upright.

**Reviewing Key Skills**

7. **Comparing and Contrasting** Compare Old World monkeys and New World monkeys.

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8. **Applying Concepts** Why were the evolution of bipedal locomotion and opposable thumbs important developments in the evolution of human ancestors?

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9. **Inferring** Why do paleontologists frequently revise their ideas about the evolutionary relationships of hominid species?

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10. **Inferring** DNA analyses are used to study human evolution. Explain how DNA evidence would support the hypothesis that humans evolved from other primates.

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