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- * Includes lemurs, tarsiers, monkeys, and apes
- Adaptations include: shoulder and hip joints that allow for climbing, grasping hands, forward pointing eyes (allows for better depth perception)
- * Phylogenetic trees show primates are composed of three groups:
 - * 1st group lorises, lemurs, and pottos
 - Ind group tarsiers (small, nocturnal tree-dwellers with flat faces and large eyes)
 - * 3rd group anthropoids (monkeys, apes, and humans)
 - * Large brains, rely more on eyesight, have opposable thumbs

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VERTEBRATE DIVERSITY: PRIMATES (HOMINOIDS)

- Often called apes
- * Include gibbons, orangutans, gorillas, chimpanzees, and humans
- * Have relatively large brain size and high degrees of social organization
- * Gibbons are the only fully arboreal apes
- * Orangutans are shy and solitary and live in trees and on land
- * Gorillas (largest of the apes) are fully terrestrial
- * Chimpanzees are able to make use of tools
 - Diverged from a common ancestor with humans between 5 and 7 million years ago (share 99% of their genes)



