

1. Name four anatomical characteristics of Anthropoids that distinguish them from lemurs & Lorises:

2. Name four behavioral or feeding or social or life history characteristics of Anthropoids that are mostly different from lemurs and lorises:

3. Marmosets & Tamarins have sharp pointy fingernails; they are “claw-like”. Squirrels use their claws in locomotion, to climb up a tree trunk or walk on a branch, but M & T do not use them that way, they grasp the branch or trunk with their fingers when they walk or climb. What then do they use their pointy nails for?

4. Marmosets & Tamarins (together) are unusual in how they raise their babies; describe two unusual things about their parenting.

5. Marmosets & Tamarins are different from each other in their food preferences and in their teeth; describe the differences.

6. What is the usual explanation for why the many different species of marmosets & tamarins have distinct hair ornamentation and vocal calls?

There are more questions on the back

7/8 The five genera of Callitrichines (Callithricines) are:

Cebuella

Callithrix

Saguinus

Leontopithecus

Callimico

Fill in the blanks with the name of one of the genera above:

- _____ is the smallest in body size
- _____ is the largest in body size
- _____ is the most endangered
- _____ is the oddball that has more teeth, and may be ancestral
- _____ has single births not twins
- _____ have patchy, frosted looking fur that helps them to hide
- _____ eats the least sap and gum, but probes for insects
- _____ their long head hair give them that "lion" or Gallmeier look.

9. Imagine a cube that is one foot on each edge (from corner to corner), so the area of each side is one square foot; if we then look at a cube that is two feet along each edge, what is the area of each side? Circle one: 1 sq foot 2 sq feet 4 sq feet 8 sq feet

9 a Imagine a 2 pound, one foot long lemur; now imagine it has morphed into an identical two foot long animal with exactly the same body proportions; how much does it now weigh: 4 pounds, 16 pounds, or 64 pounds?

10. Choose one of the terms to go with each definition:

- | | | | | | |
|------------|------------|-----------|---------------|-----------|---------|
| agouti | allopatric | sympatric | alloparenting | exudate | cryptic |
| neotropics | neocortex | altruism | convergent | marsupial | |

- _____ living in the same area
- _____ many adults help raise a youngster
- _____ the place where all platyrrhines live
- _____ anything (physical or behavioral) that makes it hard for predators to see an animal

PRINT NAME _____

BONUS Q: Some primatologists think the marmosets and tamarins are "dwarf" monkeys; why and how might this have happened?

This is page two of the quiz, be sure you have answered the questions on the other side

bonus bonus: what primate is this?

