WORKSHEET B: CLADISTIC TREE “B”

mya = million years ago

KEY

Chimpanzee | Human | Gorilla | Gibbon | Old World Monkey | New World Monkey | Lemur |
--- | --- | --- | --- | --- | --- | --- |
6 | 5 | 4 | 3 | 2 | 1 | 0

0 Changes: 5 mya

1 Changes: 8 mya

2 Changes: 12 mya

7 Changes: 24 mya

8 Changes: 30 mya

24 Changes: 60 mya

26 Changes: 90 mya

AMINO ACID SEQUENCE DIFFERENCES vs TIME

MILLIONS OF YEARS AGO

AVERAGE AMINO ACID DIFFERENCES