

Part 1.

1. The Mesozoic Era covers _____ years.
2. During this time, the _____ Mountains were wearing down, and the _____ in western North America were created.
3. The evidence suggests that the oceans were _____ than today.

Part 2.

4. A single large continent at the start of the Mesozoic was called _____.
5. The _____ separated what was to become Africa and Eurasia.
6. Faulting split Pangea into _____ and _____.
7. By the end of the Mesozoic Era _____ was a major ocean, _____ and _____ were still joined together as were _____ and _____.

Part 3.

8. The first appearance of the dinosaurs was during the _____ Period.
9. The two types of dinosaurs are _____ and _____.
10. Perhaps the most famous dinosaur is _____.
11. Plant eating dinosaurs are divided into four sub-groups: _____, _____, _____, and _____.

Part 4.

12. The first fossils of mammals appear during the _____. These first mammals were _____ in appearance.
13. During this period the first _____ appeared.

Part 5.

14. What is the most important marine organism of the Mesozoic Era?
15. What are two reptiles which returned to the sea during the Mesozoic Era?

Part 6.

16. Describe the changes which took place amongst the plants during the Mesozoic Era.

Part 7.

17. In your own words, explain the current theory of dinosaur extinction.

Part 8.

18. Draw a time line showing the divisions of the Cenozoic Era.

19. What big climatic change happened during the Cenozoic Era?

20. How much of the world was covered by ice during this time?

Part 9.

21. Describe the geologic changes taking place during the Cenozoic Era in North America.

Part 10.

22. What left the most extensive fossil record of any group?

23. How big were the first mammal fossils?

24. Name some modern animals that appeared in the Cenozoic and remain today.

25. What is the significant feature about the size of mammals during the Eocene Epoch?

Part 11.

26. Name five land invertebrates and five marine invertebrates common during the Cenozoic Era.

Part 12.

27. Describe the changes in plant life during the Cenozoic Era.

Part 13.

28. How old are the earliest human fossils?

29. What are the two chief characteristics which distinguish humanlike fossils from apelike ones?

30. What is the name of the oldest generally accepted hominid?
31. What has happened to the brain size of hominids over time?
32. What are the names of the two groups of early *homo sapiens*?

Part 14.

33. When did the Holocene Epoch start?
34. What is the dominant mammal of the Recent Epoch?