Virtual Lab #7

Geologic Time

What was Earth like throughout geologic time? (Pg. 368) - Chapter 7.1

Name

Question 1: Given the comparison time scale you selected describe the process you used to compute the times or dates of the ten events in the Virtual Lab.
Answer 1:

Question 2: According to the comparison time scale you selected when did dinosaurs become extinct?
Answer 2:

Question 3: According to the comparison time scale you selected when did humans evolve?
Answer 3:

Question 4: How does the amount of time dinosaurs were on Earth compare with the amount of time humans have been on Earth?
Answer 4:

Question 5: What percentage of Earth’s history is classified as Precambrian time?
Answer 5:

Question 6: The geologic time scale shows that changes in life-forms on Earth often occurred near the time of major geologic events. Why do you think this is so?
Answer 6:

Question 7: Why is the record of life-form changes so much better for recent geologic time than for distant geologic time?
Answer 7:

Question 8: Suppose you wanted to compare the complete history of geologic time to a one-hour scale. How many years would be represented by one second?
Answer 8: