

What is the geologic time scale?

Lesson Review

Complete the following. Write your answers in the spaces provided.

1. What is the geologic time scale? _____

2. What is the major unit of geologic time? _____
3. On the geologic time scale, periods are divided into what unit? _____
4. How old do many scientists estimate Earth to be? _____
5. During which era of geologic time are you living? _____
6. What are the 3 eras of the Phanerozoic Eon ? _____
7. How have scientists been able to develop a geologic time scale? _____

Skill Challenge

Skills: *classifying, organizing, researching*

Classify each organism listed in the table below in the era of geologic time in which it first appeared on Earth. Place a check mark in the correct column to indicate your answer. Use reference materials if necessary.

LIVING THINGS AND GEOLOGIC TIME				
Organism	Cenozoic	Mesozoic	Paleozoic	Precambrian
1. Bacteria				
2. Seed plants				
3. Modern human				
4. Flowering plant				
5. Mammoth				
6. Reptiles				
7. <i>Tyrannosaurus rex</i>				
8. Fishes				
9. Horse				
10. Insects				