

Topic 11: Geological Time Scale

11.1 – Geologic History and the Evolution of Life

1. Fill in the blanks. Use words from the table below

| | | | |
|-----------|----------|---------------|-------------|
| Paleozoic | Mesozoic | smaller units | periods |
| Cenozoic | Eons | larger units | Phanerozoic |

_____ are the longest units of geologic time.

Earth's current eon, the _____ eon, began 542 million years ago (mya)

Eons are subdivided into _____ of time called eras (_____, _____, _____)

Eras are subdivided into _____.

2. _____ is the extinction of many species on Earth within a short period of time.

- A. Devonian
- B. Half-life
- C. Mass extinction
- D. Paleozoic

3. Which is the oldest of the Phanerozoic eon

- A. Devonian
- B. Cenozoic
- C. Mesozoic
- D. Paleozoic

4. Complete the Paleozoic era with the six periods:

Permian Carboniferous Devonian Silurian Ordovician Cambrian

