

**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**

