

## Geologic Time Scale

Name:

Period:

Use Chapter 9, Section 3 of your textbook to answer the questions below.

### Section 3: Time Marches On (p.276) The Geologic Time Scale

- \_\_\_\_\_ 1. What is used to divide Earth's history into smaller pieces of time?
- the geologic time scale
  - the geographic time scale
  - the prehistoric time scale
  - the archaeological time scale

### Divisions of Time (p.277)

2. Earth's history has been divided up into chunks of \_\_\_\_\_ .
3. \_\_\_\_\_ are the largest divisions of Earth's geologic time scale.
4. The slightly smaller chunks of time found within eons are called \_\_\_\_\_ .
5. Eras are divided up into \_\_\_\_\_ .
6. On the geologic time scale, periods are made of smaller sections called \_\_\_\_\_ .
7. The boundaries between intervals of geologic time match up with \_\_\_\_\_ in Earth's history.
8. Boundaries between intervals of geologic time can be defined by changes in the \_\_\_\_\_ or \_\_\_\_\_ of Earth , or by the appearance or disappearance of \_\_\_\_\_ or \_\_\_\_\_ .

### The Appearance and Disappearance of Organisms (p.278)

9. The death of every member of a species is called an \_\_\_\_\_ .
- \_\_\_\_\_ 10. What is one gradual change that can cause a mass extinction?
- an asteroid strike
  - a climate change
  - a volcano eruption
  - a tsunami
- \_\_\_\_\_ 11. What is one catastrophic event that can cause a mass extinction?
- an asteroid strike
  - a tornado
  - a hurricane
  - a forest fire



Work: 7 points