



Geologic Time

Name _____ Class _____ Date _____

1 Geologic time is divided into eons, eras, periods and epochs. Put the following in order, from longest period of time to shortest. Rewrite them below.

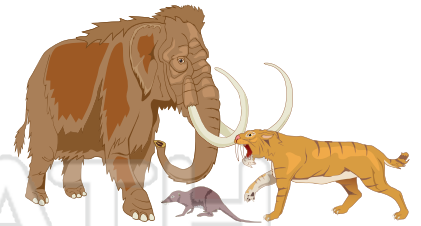
Cenozoic, Phanerozoic, Pleistocene, Quaternary

6 Mammals appear and are dominant in which era?

Paleozoic

Mesozoic

Cenozoic



7 Approximately 3.9 billion years ago, oxygen first began to accumulate in Earth's atmosphere. What was the most likely source of this early oxygen?

a. volcanic gases

2 The absolute age of the Earth is determined to be _____. Circle the answer letter.

a. 4.6 million years



3



Earth

appeared?



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4

era

eon

period

epoch

Phanerozoic	Pliocene
Cenozoic	Miocene
Tertiary	Oligocene
Paleogene Neogene	Eocene
	Paleocene

b. mass extinction of 90% of all species

c. the rise of mammals

5 The boundaries between different eons, eras, period and epochs are defined by _____.

- a. significant changes in Earth's geologic and life history
- b. a committee of paleontologists
- c. the presence or absence of dinosaurs

10 The Pleistocene Epoch of the Cenozoic Era, beginning around 1.8 million years ago, is theorized to have been a time of significant _____.

- a. volcanic activity
- b. asteroid activity
- c. global cooling





Geologic Time - Answer Key

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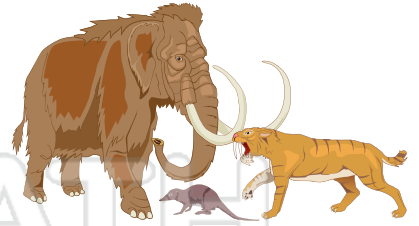
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