



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**.
Cenozoic, Phanerozoic, Pleistocene, Quaternary

- A Pleistocene, Phanerozoic, Cenozoic, Quaternary
- B Quaternary, Pleistocene, Phanerozoic, Cenozoic
- C Phanerozoic, Cenozoic, Quaternary, Pleistocene
- D Cenozoic, Phanerozoic, Quaternary, Pleistocene

2 The **absolute age** of the earth is determined to be _____.

- A 4.6 million years
- B 4.6 billion years
- C 200 million years
- D 200 billion years



3 Which eon contains the majority of the **fossil record**?

- A Hadean Eon
- B Archean Eon
- C Proterozoic Eon
- D Phanerozoic Eon



4 Geologists divide **earth's history** into segments of time. **This division of earth's history** is called _____.

- A the geologic fossil tree
- B the earth time record
- C the geologic

EON	ERA	PERIOD	EPOCH
Phanerozoic	Cenozoic	Quaternary	Holocene
			Pleistocene
Phanerozoic	Cenozoic	Tertiary	Pliocene
			Miocene
			Oligocene
			Neogene



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 Significant changes in earth's geologic and life history
C the minerals present
D the presence or absence of dinosaurs



- A the earliest fossils such as trilobites and brachiopods
- B the rocks at the very bottom of the Grand Canyon
- C meteorites and rocks from the moon
- D books, because it's impossible to know anything about earth's oldest rocks

9 Which of the following is an **epoch**?

- A Phanerozoic
- B Cenozoic
- C Pleistocene
- D Quaternary

EON	ERA	PERIOD	EPOCH
Phanerozoic	Cenozoic	Quaternary	Holocene
			Pleistocene
Phanerozoic	Cenozoic	Tertiary	Pliocene
			Miocene
			Oligocene
			Neogene
			Eocene
			Paleocene

10 **Mammals appear** and are **dominant** in which era?

- A the Phanerozoic
- B the Paleozoic
- C the Mesozoic
- D the Cenozoic





ANSWER KEY

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

Cenozoic, Phanerozoic, Pleistocene, Quaternary

- A Pleistocene, Phanerozoic, Cenozoic, Quaternary
- B Quaternary, Pleistocene, Phanerozoic, Cenozoic
- C Phanerozoic, Cenozoic, Quaternary, Pleistocene
- D Cenozoic, Phanerozoic, Quaternary, Pleistocene

(C)

The **absolute age** of the earth is determined to be _____.

- A 4.6 million years
- B 4.6 billion years
- C 200 million years
- D 200 billion years



(b)

Which eon contains the majority of the **fossil record**?

- A Hadean Eon
- B Archean Eon
- C Proterozoic Eon
- D Phanerozoic Eon



(d)

Geologists divide **earth's history** into segments of time. **This division of earth's history** is called _____.

- A the geologic fossil tree
- B the earth time record
- C the geologic time scale
- D the earth

EON	ERA	PERIOD	EPOCH
Phanerozoic	Cenozoic	Tertiary	Quaternary
			Neogene
			Holocene
			Pleistocene
			Pliocene
			Miocene
			Oligocene
			Eocene

(C)



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

- C the minerals present
- D the presence or absence of dinosaurs



- B the rocks at the very bottom of the Grand Canyon
- C meteorites and rocks from the moon
- D books, because it's impossible to know anything about earth's oldest rocks

Which of the following is an **epoch**?

- A Phanerozoic
- B Cenozoic
- C Pleistocene
- D Quaternary

EON	ERA	PERIOD	EPOCH
Phanerozoic	Cenozoic	Tertiary	Quaternary
			Neogene
			Holocene
			Pleistocene
			Pliocene
			Miocene
			Oligocene
			Eocene
			Paleocene

(C)

Mammals appear and are **dominant** in which era?

- A the Phanerozoic
- B the Paleozoic
- C the Mesozoic
- D the Cenozoic



(d)