



Name _____ Class _____ Date _____

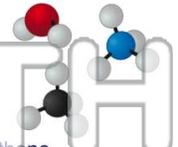
1 Geologists believe the earth formed by the accretion of **smaller pieces of rock** material called _____.

- A solar dust
- B planetesimals
- C lunar fragments
- D moons



2 There are a number of **theories** about **earth's earliest atmosphere**. Some scientists believe that earth's earliest atmosphere most probably included _____.

- A oxygen, methane, and water
- B methane, ammonia, and oxygen
- C water, ammonia, and methane
- D oxygen and water vapor



3 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?**

4 When the earth was large enough, it is believed to have separated into layers with the densest layer in the center (the **core**), the next dense layer in the middle (the **mantle**), and the least dense layer at



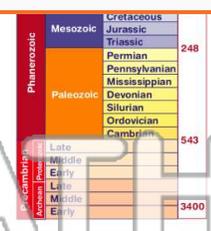
PREVIEW

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7 **A** the extinction of the dinosaurs
B a mass extinction of 90% of all species
C massive volcanic eruptions
D the rise of mammals

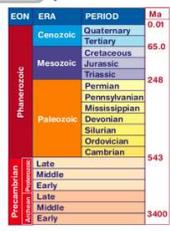
amphibians, and insects **appeared and thrived** in which eon or era?

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



9 There are two separate periods that are together referred to as the **Carboniferous**. They are the Mississippian and the Pennsylvanian. These periods are marked by massive beds of coal that were formed from decaying swamp plants. **Carboniferous Periods are within which eon or era?**

- A Proterozoic
- B Paleozoic
- C Mesozoic
- D Cenozoic



10 According to scientists, the first organisms that lived on the land, at least partially, appeared in the Paleozoic Era.

Which organisms were probably the first to live on land?

- A mammals
- B reptiles
- C dinosaurs
- D amphibians





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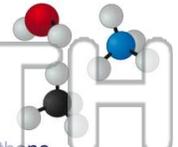
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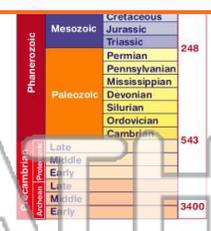


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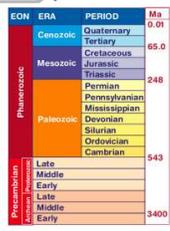
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