

Name: _____

Date: _____ Period: _____

Geologic Time

The Physical Setting: Earth Science

Worksheet: Early Evolution I

1. During which period can the earliest birds be found?
 - a. Cretaceous
 - b. Jurassic
 - c. Triassic
 - d. Permian

2. According to Earth's geologic history, studies of the rock record suggest that
 - a. humans first appeared at the time of the intrusion of the Palisades sill
 - b. the period during which humans have existed is very brief compared to geologic time
 - c. evidence of the existence of humans is present over much of the geologic past
 - d. the earliest humans lived at the same time as the dinosaurs

3. For which segment of the Earth's geologic history are fossils rarely found?
 - a. Mesozoic
 - b. Cenozoic
 - c. Paleozoic
 - d. Precambrian

4. According to Earth's geologic history, which rock is most likely the oldest?
 - a. conglomerate containing the tusk of a mastodon
 - b. sandstone containing fossils of flowering plants
 - c. shale containing trilobite fossils
 - d. siltstone containing dinosaur footprints

5. Which two forms of life existed together on the Earth during the same time period?
 - a. dinosaurs and mastodons
 - b. trilobites and birds
 - c. flowering plants and trilobites
 - d. mastodons and flowering plants

6. The fossil record indicates that most of the plants and animals that lived on Earth in the past
 - a. lived on land
 - b. have become extinct
 - c. appeared during the Cambrian Period
 - d. became index fossils

7. For which geologic period are no fossils found in New York State?
 - a. Silurian
 - b. Ordovician
 - c. Devonian
 - d. Permian

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8. Geologists have subdivided geologic time into units based on
 - a. rock type
 - b. erosion rates
 - c. fossil evidence
 - d. landscape development

9. Which statement about dinosaurs is supported by information in your Earth Science Reference Tables?
 - a. The number of dinosaurs increased before dinosaurs became extinct.
 - b. Dinosaur fossils and trilobite fossils may be found in the same rocks.
 - c. Dinosaurs only lived on land.
 - d. Dinosaur fossils first appeared in rocks of the Paleozoic Era.

10. According to Earth's geologic history, when did many land and marine organisms become extinct?
 - a. before the appearance of terrestrial plants
 - b. after the appearance of reptiles
 - c. before the appearance of dinosaurs
 - d. after the appearance of birds