

Rocks, Fossils, and Earth's History Movie Worksheet

/23

Name _____ hr _____

1) What do rocks and fossils show us about Earth's History?

- 1) _____
- 2) _____
- 3) _____

2) How long does it take for fossils to form? _____

3) How old are rocks at the top of the Grand Canyon? The Bottom? _____

4) What does Uranium decay into? _____

5) What is the time it takes for 112 of an element to change into another element called? _____

6) What is the half-life of Uranium? _____

7) What is a rock formed from molten material called? _____

8) What size crystals form when molten rock cools slowly? _____

9) What is the process of breaking down rock into fine sediment called? _____

10) What parts of an animal form fossils? _____

11) What is rock formed from the skeletons of microscopic animals called? _____

12) What has happened to most of Earth's rock history? _____

13) What kind of rock is changed by heat and pressure? _____

14) How old is Earth? _____

15) What formed Earth's early atmosphere? _____

16) When did life evolve? _____

17) What kind of animals lived for most of Earth's history? _____

18) How long ago did complex animals evolve? _____

19) When did dinosaurs start to rule the Earth? _____

20) When did mammals start to rule the Earth? _____