

MOVIE--Rocks, Fossils, and Earth's History

NAME _____ HR /26

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

1) _____

2) _____

3) _____

2) When it decays it loses a little energy and a very small amount of _____.

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

4) What does Uranium decay into? _____

5) The time it takes for 1/2 of element A to turn into B is called _____

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

7) _____ dating is just one tool geologists use to date rocks.

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

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

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

11) Layers of sediment _____ into sedimentary rock.

12) What parts of animals get trapped in the layers? _____

13) Fossils form when _____ gradually replace shells and boney materials.

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

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

16) Rock altered by heat and pressure is called? _____

17) How old is Earth? _____

18) What formed Earth's early atmosphere? _____

19) When did life evolve? _____

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

21) How long ago did complex animals evolve? _____

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

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