

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1 You Decide!

1. What are some geologic features created by interacting plates?

- A Trees, animals, and fungi are created by interacting plates.
- B Volcanoes, mountains, and faults are some of the geologic features that interacting tectonic plates create.

2 You Decide!

2. How many years ago did the Precambrian era begin?

- A The Precambrian era started approximately 4.6 gazillion years ago.
- B The Precambrian era started approximately 4.6 billion years ago.

3 You Compare!

3. How does the eukaryotic cell look different from the prokaryotic cell?

- A The eukaryotic cell possesses an organelle called a nucleus which acts as the control center for the eukaryotic cell. A prokaryotic cell does not possess a nucleus.
- B The eukaryotic cell possesses an organelle called a liver which acts as the control center for the eukaryotic cell. A prokaryotic cell possess a gall bladder, not a liver.

4 You Observe!

4. What did the decayed plants form?

- A The remains of plants formed large iron deposits which have served as an important source of industrial building materials.
- B The remains of plants formed large coal deposits which have served as an important source of fossil fuel.

5 1. Geologists generally agree earth is \_\_\_\_\_ billion years old.

- A 4.6
- B 3.2

6 2. The interaction of tectonic \_\_\_\_\_ is responsible for many of Earth' s features.

- A plates
- B saucers

7 3. The system of segmenting time is referred to as \_\_\_\_\_ time.

- A geologic
- B segmented

8 4. Life first appeared in the \_\_\_\_\_ era.

- A Mesozoic
- B Precambrian

- 9 5. The development of \_\_\_\_\_ cells represents one of the most important steps in biology.
- A prokaryotic
  - B eukaryotic
- 10 6. In the \_\_\_\_\_ era multicellular life proliferated.
- A Triassic
  - B Paleozoic
- 11 7. \_\_\_\_\_ were the first vertebrates.
- A fish
  - B birds
- 12 8. \_\_\_\_\_ is the destruction of a group of living things.
- A extinction
  - B exodus
- 13 9. The Mesozoic era is called the age of \_\_\_\_\_.
- A reptiles
  - B amphibians
- 14 10. Birds and \_\_\_\_\_ dominated in the Cenozoic era.
- A bees
  - B mammals