

Date: _____

Name: _____

Class: _____

1 If you could visit Pangaea, what animals would you most likely find there?

- A Penguins
- B Dinosaurs
- C Eagles
- D Mammals

2 In the phrase, "The earth's mantle is composed of molten rock," what does "molten" mean?

- A Orange
- B Icy
- C Solid
- D Melted

3 If the earth were an apple, which part would be the crust?

- A The core
- B The seeds
- C The skin
- D The stem

4 What has to happen before rock from the earth's mantle becomes a new piece of crust?

- A It has to cool
- B It has to heat up
- C It has to drift
- D It has to explode

5 Which term best describes the movement of continents?

- A Rapid
- B Gradual
- C Nonexistent
- D Fleeting

6 At convergent boundaries, one plate is sometimes subducted below another. What is the best definition of "subduction?"

- A Moving from side to side
- B Pulling apart
- C Pushing upward
- D Sliding under

7 What can you infer from the fact that fossils of tropical animals have been found in Antarctica?

- A The tropics were once located at the earth's southernmost point
- B The Antarctic plate must have once been closer to the equator
- C The volcanoes that once warmed Antarctica are now dormant
- D Antarctica does not lie on top of a tectonic plate

8 Where would you be most likely to find a boundary between a continental and an oceanic plate?

- A In the center of the Pacific ocean
- B In the center of North America
- C Off the West Coast of North America
- D At the boundary between Canada and the United States

9 What geological feature would you most likely find at a convergent boundary?

- A 
- B 
- C 
- D 

10 How is a transform boundary different from a convergent boundary?

- A Plates move apart at transform boundaries, and toward each other at transverse boundaries
- B Plates move underneath one another at transform boundaries, and over one another at convergent boundaries
- C Plates move toward each other at convergent boundaries, and side-to-side at transform boundaries
- D Continental drift does not occur along convergent boundaries; it does occur at transform boundaries