

Unit 5 Plate Tectonics Study Guide

The Unit Test will involve questions related to the following:

1. What is Continental Drift?
Idea that 1 large land mass existed
2. What are the four observations that Alfred Wegener used to support Continental Drift?
 - a. Fit of continents
 - b. Fossils of same species separated by oceans
 - c. Fossils of tropical plants in arctic locations
 - d. Similar rocks types and mountains
 - e. Climate evidence (like glaciers)

3. What couldn't Wegener explain regarding the Continental Drift?

Because he could not explain the movement of the land masses (the how and the why)

4. What three geologic formations/activities does the Theory of Plate Tectonics explain?
 - a. Earthquakes
 - b. Volcanoes
 - c. Sea-floor spreading

5. Label the following parts:



6. Describe each type of plate boundary.
 - a. Divergent boundary –
Boundary where 2 plates are moving away from each other (dividing)
 - b. Convergent boundary –
Boundary where 2 plates are colliding (coming together)
 - c. Transform plate boundary –
Boundary where 2 plates slide past each other (transverse)

Plate Tectonics Test Study Guide Answers

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