

Earth Science: Mid-Unit 2 Review

Answer all questions to the best of your ability, using the lessons and notes from class. Complete sentences are not necessary for this assignment. It is suggested that you print out this review so you can use it to help you get an A+ on your test!

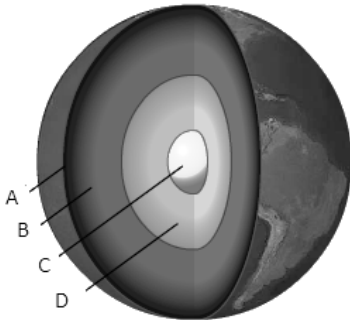
- Turn into the Unit 1 Extra Credit Dropbox BEFORE Tuesday, 10/7 at 1PM for 3 points Extra Credit!
- Turn into the Unit 1 Extra Credit Dropbox AFTER Tuesday, 10/7 at 1PM for 1 points Extra Credit!

1. Alfred Wegener was a scientist with a radical idea. What was his radical idea? (You can answer this question on another page if you would like! Complete sentences!)

2. Continental Drift states that the continents used to be:
 - a. Very far apart
 - b. Different colors
 - c. Joined together
 - d. Invisible

3. Which two pieces of evidence did Alfred Wegener use to support his hypothesis of CONTINENTAL DRIFT? (Circle 2)
 - a. Fossils of similar organisms showed up on different continents.
 - b. Coastlines that are close together looked like they fit together like puzzle pieces.
 - c. The sky is blue and the grass is green.
 - d. Convection happens inside the earth.
 - e. Macaroni and cheese is delicious.

Use the picture below to answer questions 4 and 5



4. Label the layers of the earth.
 - a. _____
 - b. _____
 - c. _____
 - d. _____

5. Which layer above drives the movement of the plates? _____

6. Heat convection in the earth causes plates to:
 - a. Get excited!
 - b. Move
 - c. Stay in place
 - d. Disappear

7. According to the theory of _____ tectonics, the earth is broken into _____ called _____ and they (MOVE/DO NOT MOVE) on the earth's surface.

8. Plates interact at...
- a. Plate Boundary Zones
 - b. Kid-Friendly Zones
 - c. The Inner Core
 - d. The solar system

9. What are the three types of PLATE BOUNDARY ZONES? Describe the plate movement at each!

A. _____ - Plate Movement: _____

B. _____ - Plate Movement: _____

C. _____ - Plate Movement: _____

10. A crack in the earth crust where molten lava seeps out is called a _____.

11. Earthquakes occur at (circle all the apply):

- a. Convergent boundaries
- b. Divergent boundaries
- c. Transform boundaries
- d. Electric boundaries

12. What is a trench? Draw a picture of a trench and label the type of plate boundary it is located at. (You can answer this question on another page if you would like! Complete sentences)

13. Which of the following are caused by plate tectonics and moving plates? (Circle all that are true)

- a. Land Erosion
- b. Weather
- c. Trenches
- d. Volcanoes
- e. Ocean currents
- f. Earthquakes
- g. Mountain Ranges
- h. Radioactive Decay

14. Draw a picture of how earthquakes occur at transform boundaries and explain what is happening. (You can answer this question on another page if you would like! Complete sentences!)

15. How did the Hawaiian island chain form?

- a. A mantle plume brought magma to the surface at the center of an oceanic plate.
- b. People wished on a shooting star for a beautiful island chain for vacations.
- c. Lots of earthquakes happened in a short period of time.
- d. Nobody knows.