

Name: \_\_\_\_\_ Plate Tectonics Review Date: \_\_\_\_\_

Test Friday: Study entries 5, 6, 7, Earth Diagram worksheet and Plate Tectonics Review, as not all the notes are on this review sheet. Due on Mon, May 16: Plate Tectonics Project (map, computer lab worksheet, & the Plate Tectonics questions)

- \_\_\_\_\_ 1. Upper mantle and crust that is broken into pieces called plates
- \_\_\_\_\_ 2. Soft layer of earth that has convection currents and causes plates to move
- \_\_\_\_\_ 3. Individual who proposed the Continental Drift Theory
- \_\_\_\_\_ 4. Large landmass or supercontinent
- \_\_\_\_\_ 5. New ocean floor is created at the \_\_\_\_\_ boundary
- \_\_\_\_\_ 6. Boundary in which plates move apart
- \_\_\_\_\_ 7. Boundary in which plates collide
- \_\_\_\_\_ 8. Boundary that produces **only** earthquakes
- \_\_\_\_\_ 9. Boundary that produces mountains, volcanoes, and trenches
- \_\_\_\_\_ 10. Boundary that produces rift valleys and mid-ocean ridges
- \_\_\_\_\_ 11. Boundary in which two plates scrape past each other
- \_\_\_\_\_ 12. Two types of crust are \_\_\_\_\_ and \_\_\_\_\_
- \_\_\_\_\_ 13. Boundary that creates sea-floor spreading
- \_\_\_\_\_ 14. Volcanoes are produced at \_\_\_\_\_ boundaries, \_\_\_\_\_ boundaries and \_\_\_\_\_.
- \_\_\_\_\_ 15. Area in which one plate sinks underneath another
- \_\_\_\_\_ 16. The \_\_\_\_\_ crust is denser (heavier) than the \_\_\_\_\_ crust
- \_\_\_\_\_ 17. The three main layers of the earth are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_
- \_\_\_\_\_ 18. The \_\_\_\_\_ crust supports the ocean
- \_\_\_\_\_ 19. The \_\_\_\_\_ crust supports the continents
- \_\_\_\_\_ 20. The main driving force that moves the plates are the \_\_\_\_\_ currents that are located in the \_\_\_\_\_.
- \_\_\_\_\_ 21. Know the layers of the earth on a diagram: oceanic crust, continental crust, lithosphere, asthenosphere, mesosphere, outer core, & inner core
- \_\_\_\_\_ 22. The presence of the same \_\_\_\_\_ and \_\_\_\_\_ on several continents supports the idea of continental drift.
- \_\_\_\_\_ 23. The outer core is made up of a \_\_\_\_\_ layer. (liquid or solid)
- \_\_\_\_\_ 24. The inner core is made up of a \_\_\_\_\_ layer. (liquid or solid)
- \_\_\_\_\_ 25. If the continents were put together, they would fit like a \_\_\_\_\_.
- \_\_\_\_\_ 26. Rocks closer to the mid-ocean ridge are (younger, older) than rocks farther from the mid-ocean ridge.