Study Guide: Ch. 3

Know the following terms/concepts:

1. Magnetic Reversal and Paleo-Magnetic Evidence
2. Plates around the globe
3. Pangaea, Continental Drift, and Alfred Wegener
4. Plate Boundary Types
5. Type of Volcanoes
6. Mountain Formation
7. Volcano Formation
8. Island Ars Formation
9. Trench Formation
10. Oceanic vs. Continental Crust
11. Age of Sea-Floor (What is the oldest crust on Earth?)
12. Plate Tectonic Velocity/Year
13. Guyots
14. Direction of San Andreas Fault Movement (Both plates are moving in what direction?
15. Earthquake Focus and Epicenter
16. Isotacy
17. S and P waves and what Earth’s layers (Solids versus liquids) they move through.
18. Ring of Fire
19. Major Plates on Earth (See physiographic chart)
20. Lithosphere and Aesthenosphere