**Test 1 - Study Guide:**

**Terms to Know**: (some terms require knowing the definition and location)

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| Layers of the Earth | Lithosphere | Rift Valley (Mid Ocean Ridge) |
| Transform Boundary | Asthenosphere | Magnetic Reversals |
| Divergent Boundary | Subduction | Pangea |
| Convergent Boundary | Volcanism | Hotspots |
| Alfred Wegner | Continental Drift and Evidence | Plate Tectonics |
| Convection | Ocean Trench |  |

**Questions**:

1. In what ways does the lithosphere differ from the asthenosphere?
2. How does the density of the material differ from the inner core to the crust and put them in order from least dense to most dense.
3. How does the age of the sea floor show how tectonic plates move?
4. What causes plate tectonics to move? Explain this process.
5. What are the steps of the Scientific Method?