**Plate Tectonics Quiz Study Guide**

**Vocabulary to Know:**

1. **Asthenosphere**
2. **Lithosphere**
3. **Density**
4. **Alfred Wegener**
5. **Continental drift**
6. **Plate tectonics**
7. **Magma**
8. **Convection currents**
9. **Convergent boundary**
10. **Divergent boundary**
11. **Transform boundary**
12. **Magnitude**

**Topics to Know:**

* **What causes Earth to have four layers?**
* **How is oceanic crust different from continental crust?**
* **List the layers of Earth in order of least dense to most dense.**
* **What evidence did Alfred Wegener use to support his theory of continental drift?**
* **What physical layer of Earth is broken into tectonic plates?**
* **What causes the tectonic plates to move?**
* **Draw and label a tectonic plate boundary where subduction is occurring.**
* **Which type of tectonic plate boundary interaction forms a volcano?**
* **What is magma?**
* **Explain how volcanoes form from a hot spot.**
* **What geologic events occur at a divergent boundary? At a transform boundary?**
* **What happens at a oceanic-continental convergent boundary?**
* **How do mountains form?**

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