

Use the following questions (and your notes/worksheets) to help guide your studies for Monday's quiz.

- 1. Describe the earth's crust/mantle/core, and litho/asthenosphere.**
- 2. Explain Wegner's theory and evidence that supported it.**
- 3. Explain Hess's discovery. How was it related to Wegner's theory?**
- 4. What are SP intervals useful for? How does triangulation work?**
- 5. Describe the 3 types of plate boundaries.**
- 6. What types of geologic events occur at each boundary type?**
- 7. Define mass, volume, and density. How is each affected by T change?**
- 8. How do you use the formula $\rho=m/V$ to solve for ρ ? To solve for m?**
- 9. Explain how convection works in the earth's interior.**
- 10. Why is convection important when studying plate tectonics?**
- 11. What is the original source of energy that drives plate tectonics?**