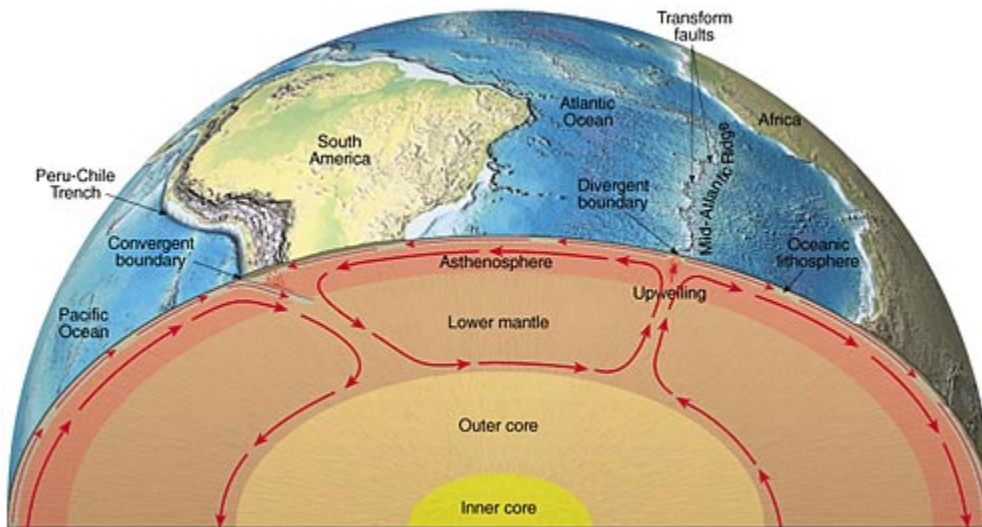


We will be taking a 1st semester final that will summarize the most important things we have learned from September through January. This review sheet will be your guide to help you review for the exam.

Part 3

Plate Tectonics, Earthquakes, Volcanoes



The movement of the tectonic plates comes from interactions among the three main layers of the Earth.

1. Name those 3 layers.

2. What are tectonic plates?

3. What are the properties of each of the 3 layers?

4. What is the composition of each of the three layers?

5. Why are the densest elements at the center?

Correlate the distribution of ocean trenches, mid-ocean ridges, and mountain ranges to volcanic and seismic activity.

6. What causes the movement of the tectonic plates? Include a drawing?

7. Name and describe the three types of tectonic plate boundaries.

8. What is subduction?

9. How do ocean trenches form?

10. What is a mid-ocean ridge?

11. How do volcanoes form?

12. What is seismic activity?

Landforms are the result of the combination of constructive and destructive processes.

14. What are the constructive processes we have learned so far?

15. What are the destructive processes we have learned so far?

16. What is crustal deformation?

17. What is the difference between chemical and physical weathering?

18. What is uplift?