**Theory of Plate Tectonics Homework:**

***Pg. 247***

**Name: Date; Period:**

**Define the following:**

Plate Tectonics –

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Lithosphere –

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Asthenosphere -

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**Review:**

Describe how tectonics plates move. What is the cause of plate movement?:

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Why are earthquakes and volcanoes mostly found along plate boundaries?:

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**Differentiate:**

What are the three types of plate boundaries? Describe the movement of the plates involved?

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In the space below, diagram the three types of plate boundaries:

**Explain:**

Explain how mantle convection works. Be sure to mention density and temperature.

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If South America is moving from Africa, what type of boundary is found between them and why?

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If South America is moving from Africa, describe the age of the oceanic crust as you move from South America to Africa? Support your answer.

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