Plate Boundaries Lab	
The three types of plate boundaries are,, and	
With a convergent plate boundary, it depends on what two types of crust are meeting. The two types are	
The two types are and So there are 3 types of convergent plate boundaries.	
You will obtain 3 different colors (or 2) of play dough and construct the different plate boundaries. You will start out each boundary the same, by making the same three colore layers.	
#1. Transform Plate Boundary	
Start with a square piece of dough with three different colors layered into it. Lay it over two pieces of cardboard (or paper) then gently slide the cardboard by each other. Record your results.	
Observations:	
1. How did the dough break?	
2. Did the dough get roughed up?3. What geologic feature do you think this roughed up clay represents in the real world?	
# 2. Divergent Plate Boundary	
Start again with another square of layered dough. This time pull the pieces of cardboard apart. You may need to weigh them down.	
Observations:	

Name _____ Date____ Block _____

1.	How or did the dough break?
2.	The tearing of the dough represents what sort of geologic event?
3.	What sort of material would replace the void left from the removal of the dough?
#3 Co	nvergent
conting them o	we don't have different density materials this will represent a continental versus ental collision. Make 2 sets of squares of equal thickness. You may want to put on paper so you can move them together completely. Slowly, and steady push the eces together.
Observ	vations:
1.	Did you see and sort of folding of the dough?
2.	Did the dough bend or tear?
3.	What sort of geologic feature was created?
4.	Did any of the bottom layers become the top layers?

Draw a DETAILED cross-section of you two plates. Make sure to use colored pencils to fill in the layers.