**SNACK TECTONICS**

**OBSERVATIONS AND QUESTIONS**

**(**Answer on your **OWN** paper in **COMPLETE SENTENCES)**

***Part 1 Divergent Plate Boundaries (Oceanic-Oceanic)***

1.What happens to the frosting between the fruit rollup, how does it look?
2.What does each of the fruit rollup represent?
3.What does the frosting represent?
4.Where does this type of plate boundary activity take place on Earth?
5.What type of feature is produced by this type of plate movement?

***Part 2 Convergent Plate Boundaries (Continental-Oceanic)***

6.What type of plate does the graham crackers represent
7.What type of plate does the fruit rollup represent?
8.What happens when a piece of crust is subducted?
9.Where does this type of boundary activity take place on Earth?
10.What features are formed along the subduction zone? _____ and _____

***Part 3 Convergent Plate Boundaries (Continental-Continental)***

11.What does the graham cracker represent?
12.In what way are the wet graham crackers more like the real crustal plates than the dry graham crackers?
13.What feature is represented where curling and folding occurred at the ends of the wet graham cracker?
14.Where does this type of boundary activity take place on Earth?

***Part 4 Transform Plate Boundaries (Continental-Continental)***

15.Why is this movement often described as “horizontal sliding?”
16.Where does this type of boundary activity take place on Earth?
17.What famous fault is associated with this type of movement?
18.As you modeled this type of fault, nothing happened at the beginning, but as the pressure increased, the graham crackers finally broke. How is this similar to the situation in California?