**Directions**: Answer the questions on the back of this paper, in complete sentences.

1. In your model you used your fingers to push the squares of fruit roll up apart to simulate a divergent boundary. In reality, what forces the oceanic plates apart at the mid-ocean ridges?
2. Where is it possible to see a divergent boundary without having to go to the mid-ocean ridges?
3. What evidence do scientists have that verify that indeed the Earth’s plates are spreading at the mid-ocean ridge?
4. In general, where on Earth are the subduction zones located?
5. Where there are subduction zones, oceanic plate is being added into the magma of the mantle. What happens to the excess magma that is created?
6. What happens when the oceanic plate and the continental plate collide? Why does this happen?
7. What happens when two continental plates collide?