**Cosmos Episode 9 Worksheet                            Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

3. New England was a neighbor to which geographical area 220 million years ago?

4. What did Abraham Ortelius say ripped America away from Europe and Africa?

5. How did Alfred Wegener explain why there were the same mountains on opposite sides of the Atlantic Ocean?

6. What did Marie Tharp discover in the middle of the Atlantic Ocean after drawing a map of the ocean floor?

7. What is the longest submarine mountain range in the world?

8. What is the name of the deepest canyon on Earth and how deep is it?

9. What is the process bacteria use in the trenches in order to make food when sunlight doesn’t reach that far?

10. What created the Hawaiian Islands millions of years ago?

11. What is the core of the Earth made of?

12. What two things keeps the mantle a molten liquid?

13. How did tectonic forces bring North and South America together?