

Name: _____

Date: _____

Period: _____

Plate Tectonics Review

1. Alfred Wegener set forth the Pangea Hypothesis which was part of his theory called _____
2. What evidence did Wegener use to prove his hypothesis?
 - a. _____
 - b. _____
3. Wegener was a meteorologist, which caused his theory to be ridiculed, but his other big problem was that he had no _____ to cause plates to move.
4. Who came up with the Theory of Seafloor Spreading which helped solve Wegener's problem? _____
5. How did the magnetic pole reversal of the earth indicate that the sea floor was growing? _____
6. How did the age of the basalt making up the sea floor confirm this idea? _____
7. Hess discovered the Mid-Atlantic Ridge, which is a _____ plate boundary.
8. If I were to travel to the Mid-Atlantic Ridge, what two important features might I find along it?
 - a. _____
 - b. _____
9. The Connecticut River Valley is a _____ with the traprock hills running down the middle.
10. When two plates collide, geologists call the collision point a _____ boundary.
11. When one of the plates is an ocean, what happens? _____
12. Subduction Zones, like the Ring of Fire and the Aleutian Islands of Alaska result in volcanic islands and deep ocean _____
13. Today, we can visit an on-going continent to continent collision at the _____ Mountains.
14. Three hundred million years ago, a collision between North America and Africa resulted in the formation of which two corresponding mountain ranges? (give their approximate locations)
 - a. _____
 - b. _____
15. On the reverse, diagram what is happening at the San Andreas Fault.