Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_

**Plate Tectonics Review Guide**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type of Plate Boundary** | **Use Arrows to Show Motion** | **Type of Crust****Oceanic or Continental** | **Name of Process** | **Geologic Features Created** | **What Happens Here** | **Examples** |
| **Divergent** |  | O-O |  | 1.  a.  b.  |  |  |
| C-C |  | 1. a.   b.  |  |  |
| **Convergent** |  | C-C |  | a. |  |  |
| O-C |  | a.b. |  |  |
| O-O |  | a.b. |  |  |
| **Transform** |  | O-O or C-C |  | a. |  |  |

1. What is the difference between an earthquake focal point and the epicenter?
2. List the two main types of earthquake waves and define them. Your definition should include their order of arrival, their damage potential and there direction of motion.
3. What causes Earthquakes? Where do earthquakes happen?
4. List and describe the shape of the three types of volcanoes.
5. What two places do volcanoes occur?
6. Which type of volcano occurs at convergent plate boundaries?