

## Theory of Plate Tectonics

1. The theory of \_\_\_\_\_ states that the earth's crust and upper mantle are broken into sections called plates.
2. These plates are composed of the crust and a part of the upper mantle, these two parts together are called the \_\_\_\_\_.
3. These plates float on the \_\_\_\_\_.
4. Plates that move together form \_\_\_\_\_ boundaries.
5. Plates that move apart from \_\_\_\_\_ boundaries.
6. Plates that slide past each other form \_\_\_\_\_ boundaries.
7. \_\_\_\_\_ occurs when magma from the Earth's mantle rise to the surface at mid-ocean ridges and cools to form new sea floor. This occurs at \_\_\_\_\_ boundaries.
8. Subduction zones occur at \_\_\_\_\_ boundaries.
9. Earthquakes tend to occur at \_\_\_\_\_ boundaries.
10. Volcanoes tend to occur at \_\_\_\_\_ boundaries.
11. Mountain ranges are formed at \_\_\_\_\_ boundaries.
12. The San Andreas Fault is an example of the effect of a \_\_\_\_\_ boundary.
13. The Himalayan Mountain Range is an example of an effect of a \_\_\_\_\_ boundary.
14. The Mid Atlantic ridge is being formed at a \_\_\_\_\_ boundary.

Concept Map

