



GeoScience Videos Quiz for Tectonic Plates

1. Match the appropriate pair of words to the blanks in the sentence that follows. The _____ lithosphere is approximately _____ thick.
 - a) rigid; 200 kilometers
 - b) rigid; 2900 kilometers
 - c) plastic; 200 kilometers
 - d) plastic; 2900 kilometers
2. The lithosphere is composed of which combination of the following?
 - a) The oceanic and continental crust only.
 - b) The crust and a layer in the outermost part of the mantle.
 - c) The crust and the asthenosphere.
 - d) The crust and the whole mantle.
 - e) A discrete layer in the mantle immediately below the crust.
3. Volcanoes and earthquakes are found along...
 - a) all of the edges of all continents.
 - b) all of the edges of some continents.
 - c) some of the edges of all continents.
 - d) some of the edges of some continents.
4. What is the principal cause of convection in Earth's mantle?
 - a) Earth's rotation on its axis
 - b) Earthquakes and volcanic activity
 - c) The transfer of heat within Earth's interior
 - d) The movement of tectonic plates

5. Use this map to sketch the approximate locations of the major plate boundaries and name the plates. *(Compare your answer with an accurate map of the world's plate boundaries.)*

