

1.Continental Drift

1. Why was Wegener's theory of continental drift not accepted during his lifetime?
 - A. He had a difficult personality and was disliked
 - B. He could not disprove the idea of land bridges between continents
 - C. GPS had not been invented so there was no way to tell if continents were moving,
 - D. He did not have an explanation for how continents moved

2. Which of these statements is true about the Earth's crust?
 - A. Continental crust is many times thicker than oceanic crust
 - B. The crust cannot be thicker than 10 km
 - C. The lithosphere is the same as the crust
 - D. The rocks found in continental crust are more dense than the rock in oceanic crust

3. What is the ultimate driving force behind plate tectonics?
 - A. Heat from the Earth's core
 - B. Heat from the Sun
 - C. The spinning motion of the Earth
 - D. The pull of the Moon's gravity

4. If the Earth's core became much hotter, which outcome would be most likely?
 - A. Continents would move slower
 - B. Continents would move faster
 - C. Continental drift would stop
 - D. Continental drift would occur at the same speed as before

5. Which of the following countries straddle multiple tectonic plates?
 - A. Australia
 - B. Canada
 - C. Great Britain
 - D. Iceland
 - E. Japan
 - F. Saudi Arabia
 - G. New Zealand

Answer Key

1. D
2. A
3. A
4. B
5. D, E, G