

Chapter 18 Quiz

Part A: Modified True/False

Indicate whether each statement is true or false. If the statement is false, change the statement to make it true.

- _____ 1. The three factors causing the movement of tectonic plates are slab pull, mantle convection, and rift faults. _____
- _____ 2. Mantle convection occurs due to differences in composition of regions of mantle material. _____

Part B: Matching

Match each landscape feature to a description of its relative location.

- | | |
|------------------------------|---|
| _____ 3. deep-ocean trench | (a) on a continental plate parallel to a convergent boundary |
| _____ 4. volcanic belt | (b) on an overriding oceanic plate parallel to an oceanic-oceanic convergent boundary |
| _____ 5. volcanic island arc | (c) at an oceanic-oceanic or oceanic-continental convergent boundary |
| _____ 6. mid-ocean ridge | (d) at an oceanic divergent boundary |

Part C: Multiple Choice

Circle the letter beside the answer that best answers the question.

7. Which statement accurately describes a difference between S-waves and P-waves?
- S-waves travel more quickly than P-waves.
 - S-waves cannot move through Earth's core, but P-waves can.
 - S-waves move across Earth's surface, but P-waves move through Earth's interior.
 - S-waves are only generated by volcanic eruptions, and P-waves are only generated by earthquakes.
8. A scientist is studying a chain of inland volcanoes that are parallel to a plate boundary. Which process formed these volcanoes?
- divergence of two oceanic plates
 - convergence of two continental plates
 - subduction of an oceanic plate beneath a continental plate
 - subduction of an oceanic plate beneath another oceanic plate

