



GeoScience Videos Quiz for Rates of Plate Motion

1. Approximately how far would a tectonic plate travel in an average human lifetime?
a) 1-10 meters b) 10-100 meters c) 100-1000 meters
2. The South American plate is moving to the _____ and the Pacific plate is moving toward the _____.
a) east; west b) east; east c) west; east d) west; west
3. The Indian-Australian plate has a _____ boundary on its southern margin and a mainly _____ boundary along its northern edge.
a) convergent; convergent c) convergent; divergent
b) divergent; convergent d) divergent; divergent
4. Oceanic trenches are more common around the rim of which ocean?
a) Atlantic b) Indian c) Pacific
5. Which two plates move relatively quickly?
a) Pacific b) North American c) Nazca d) Eurasian
6. Plate motions are parallel to the plate boundary along the northern margin of the Caribbean plate.
a) True b) False
7. Two plates are associated with a subduction zone. Which plate is likely to have the more rapid plate motions?
a) Descending plate b) Overriding plate
8. Identify the driving mechanisms for each plate by underlining the correct term(s) in each example.
a) Nazca ridge push slab pull
b) North American ridge push slab pull
c) Indian-Australian ridge push slab pull
d) Eurasian ridge push slab pull