



GeoScience Videos Quiz for Divergent Plate Boundaries

- The youngest rocks on the ocean floor are located
 - Near continents.
 - Far from mid-ocean ridges.
 - At oceanic ridges.
 - Near the poles.
- Which boundaries are examples of divergent plate boundaries? The boundaries between the:
 - Nazca and South American plates
 - Pacific plate and Eurasian plate
 - North American and Eurasian plate
 - Indian-Australian plate and Antarctica plate
 - African plate and South American plate
 - Nazca plate and Pacific plate
- Bathymetry refers to the depth and topography of features on the ocean floor.
 - True
 - False
- The oceanic ridge system is present in the
 - Pacific and Atlantic Oceans but not the Indian Ocean
 - Indian and Pacific oceans, but not Atlantic Ocean
 - Pacific, Atlantic and Indian oceans
- The presence of _____ and _____ are characteristic of divergent plate boundaries.
 - An oceanic ridge
 - Shallow earthquakes
 - Hot spots
 - Island arcs
- Which continent is currently in the earliest stage of separating to form an ocean basin?
 - Antarctica
 - Australia
 - Africa
 - Eurasia
- The Pacific Ocean is wider than the Atlantic Ocean because
 - the Pacific has two oceanic ridges whereas the Atlantic only has one.
 - plate motions are faster in the Pacific.
 - oceanic lithosphere is consumed at subduction zones in the Atlantic but not in the Pacific.
- Make a labeled sketch of the features and processes associated with a divergent plate boundary.

Answer Key: 1. c); 2. C), d), e), f); 3. a); 4. c); 5. a) & b); 6. c); 7. b).