

1. (a) How many different *plates* (not boundaries) are clearly shown on the map? _____
(b) How many of the plates on the map consist entirely of ocean floor (or ocean floor with islands)? _____
2. (a) With the number "1" indicate the most likely location on the map of a midocean ridge (such as the Mid-Atlantic Ridge).
(b) What type of plate boundary is this? _____
(c) What evidence *shown on the map* indicates that this type of boundary is present?
3. (a) With the number "3" indicate the most likely location on the map of a major volcanic mountain range similar to the Andes in South America.
(b) What type of plate boundary is this? _____
(c) What evidence *shown on the map* indicates that this type of boundary is present?
4. (a) With the number "4" indicate the most likely location on the map of a volcanic island arc.
(b) What type of plate boundary is this? _____
(c) What evidence *shown on the map* indicates that this type of boundary is present?
5. With the number "5" label all plate boundaries where oceanic trenches should be found.
6. (a) Assume that only one of the volcanoes on the map is associated with a hot spot. With the number "6" label this volcano.
(b) With a 2-centimeter (about 1-inch) long arrow extending from this volcano, indicate the direction in which you would expect to find progressively older *extinct* volcanoes left by the hot spot.
7. In the space below, draw an approximate continuous cross section ("side view") of the ocean basin from Point "A" to Point "B" (from lower left to upper right). Use the "side view" drawings on page 228 and Figure 33-2 for reference, and use arrows to indicate the relative direction of plate motion. If subduction is taking place, clearly show which plate is subducting beneath the other.

A

Lower Left

B

Upper Right

Human Geography Lab Manual Answer Key

Richard Bailey



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Physical Geography Lab Manual John M. Harlin, Neal G. Lineback, 1990-03 The Publishers' Trade List Annual, 1980

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blade element momentum simulation matlab answers - Aug 18 2023

web sep 11 2015 learn more about blade element momentum turbines hi i have been trying to implement the well known blade element momentum theory into matlab for the analysis of a marine current turbine blade for my masters degree dissertation

wes implementation of the blade element momentum model on - May 03 2022

web may 1 2020 abstract we show that the upscaling of wind turbines from rotor diameters of 15 20 m to presently large rotors of 150 200 m has changed the requirements for the aerodynamic blade element momentum bem models in the aeroelastic codes this is because the typical scales in the inflow turbulence are now comparable with the rotor

