

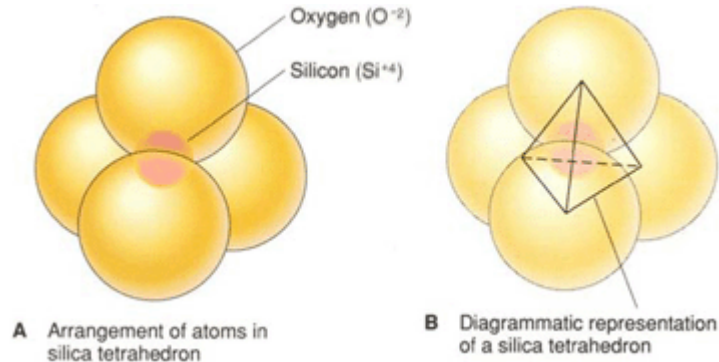


100 Illustrated Ways to Pass the Earth Science Regents with Sample Questions and Games

***This is a copy of the online review sheet located at: (www.ReviewEarthScience.com/100ways). Many of the images located in the online version are animations or pictures which show movement. In order to get the most out of this review sheet, the online site should be visited!

This sheet does not do the online version justice! Additionally, the online version has practice regents questions and online games! ***

81 The silicon (Si) oxygen (O) tetrahedron is the building block of silicate minerals, the most abundant in earth's crust.



82 Arid landscape: steep slopes with sharp angles.

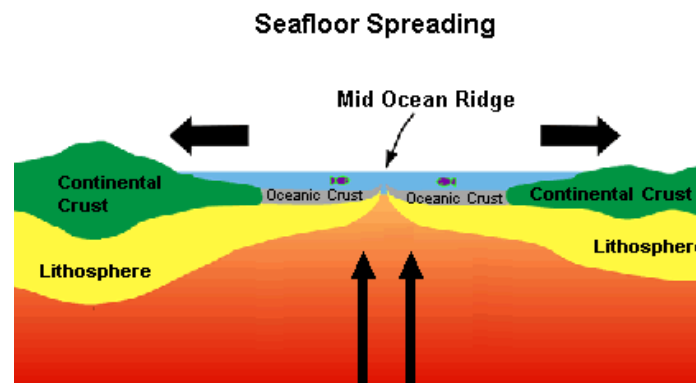


Example of an arid landscape

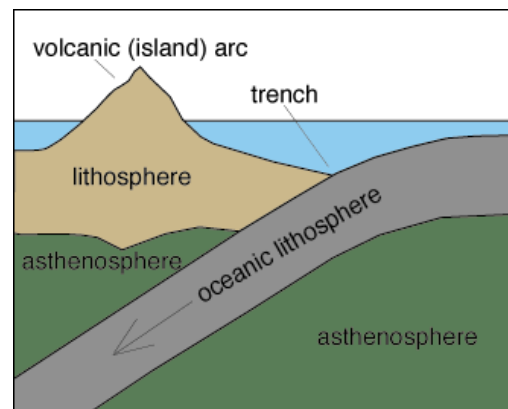
83 Humid landscape: smooth with rounded slopes.



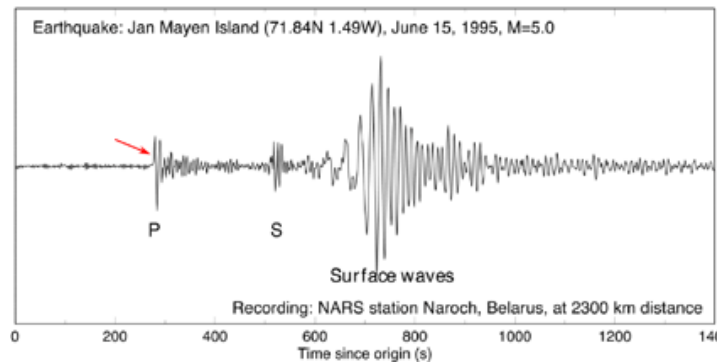
84 Mid-ocean ridge - new earth being created-sea floor spreading.



85 Trenches - earth being destroyed - subduction zone.



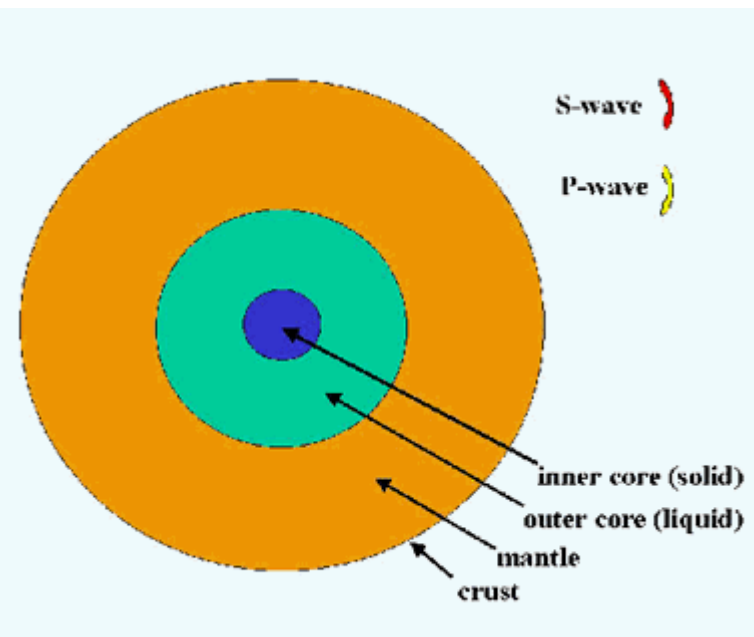
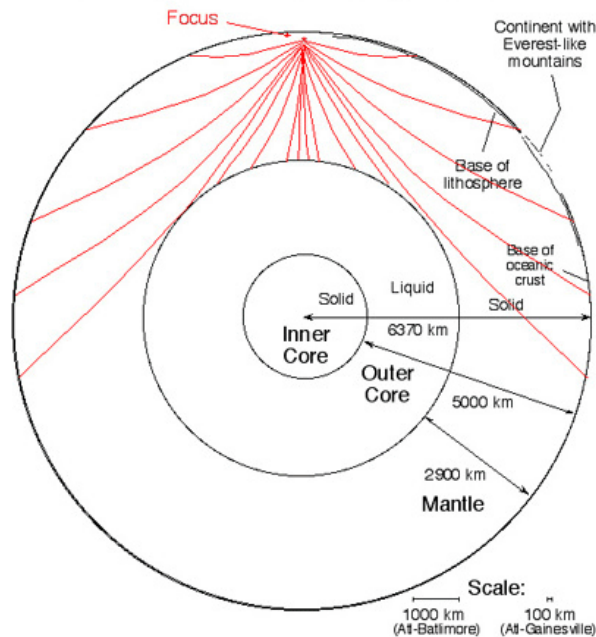
86 P waves are faster than S waves.



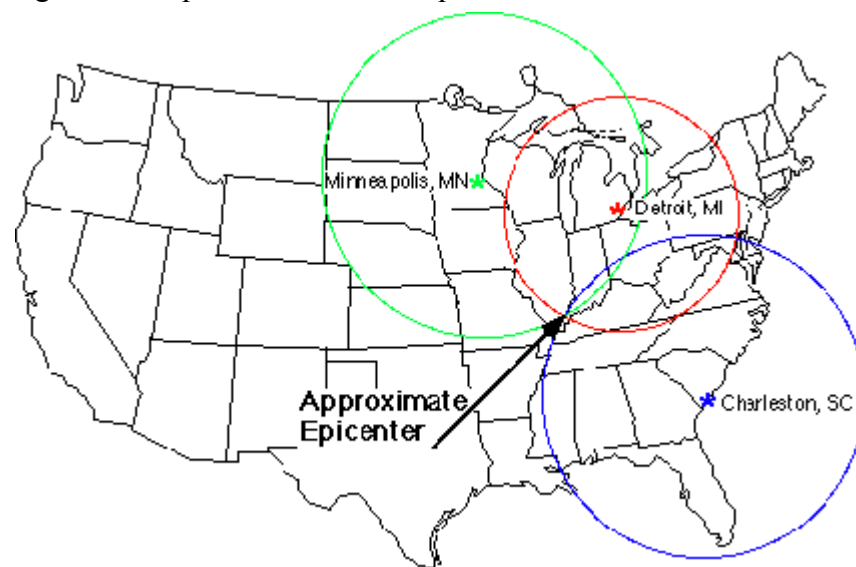
Notice how the P wave shows up first (since it travels faster) then the S wave (which is slower)

87 P-waves pass through liquids, solids and gases (that's why people hear earthquakes. "S"-waves travel through "solids" only.

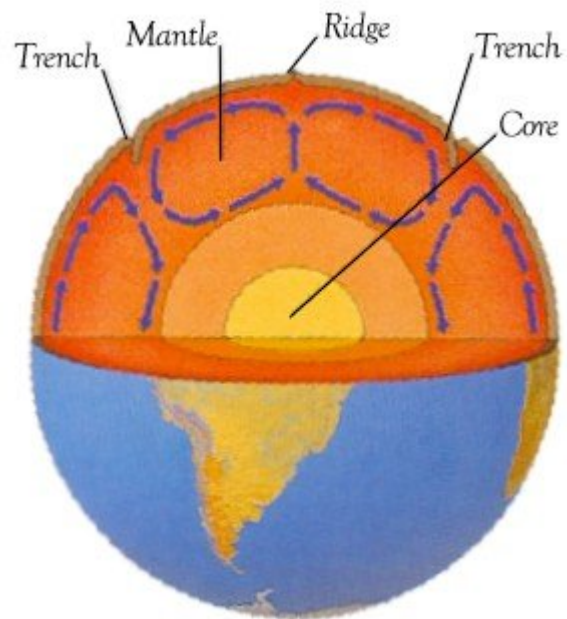
Passage of S waves through the Earth



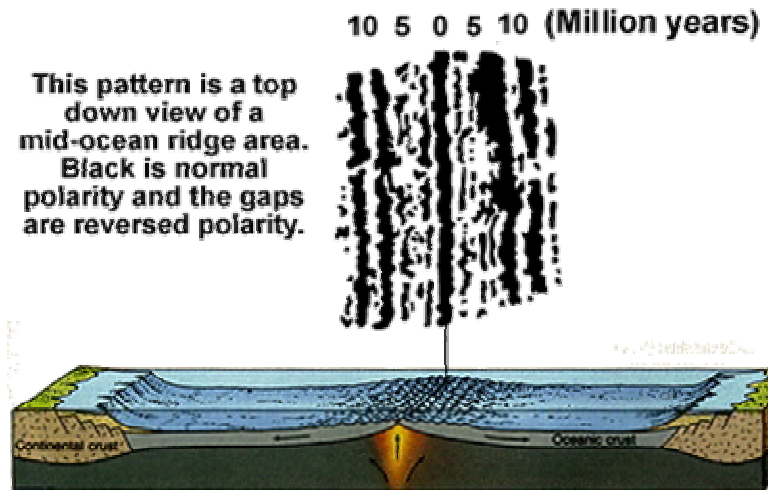
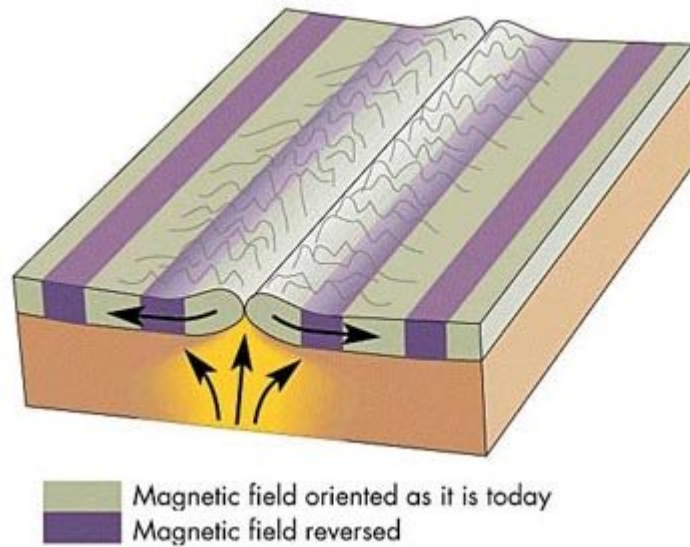
88 You need 3 seismometer stations to triangulate the epicenter of an earthquake.



89 Convection currents in the mantle move plates.



90 The orientation of the Earth's magnetic field has reversed with time.



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