



Bellwork for Week 9: Mar. 1-5, 2004

Bell #35: List four evidences that eventually supported Wegener's Theory of Continental Drift. In other words: What discoveries caused to scientists in the 50's and 60's how plates move?

- (1)
- (2)
- (3)
- (4)

Bell #36: Seismic Waves Critical Thinking: (Page 289)

(1) Which wave arrived at each seismograph station first?
Why?

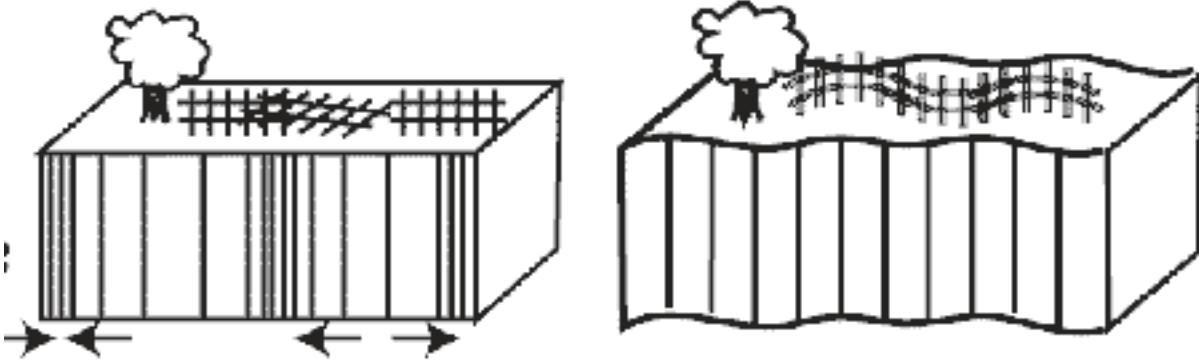
(2) What time did the P wave arrive at station A?

(3) In hours, minutes, and seconds, what time did the S wave arrive at station B?

(4) What is the difference in arrival times of P and S waves at station C?

(5) Station B was located nearer to the earthquake epicenter, while station A was farthest away. Cite three kinds of evidence from the tracings to support this statement.

Bell #37: Identify the seismic waves illustrated in sketches.



Bell #38: List three Earthquake Safety Tips.

(1)

(2)

(3)

Bell #39: List at least three facts you know about the St. Francois Mountain in southeast Missouri.

(1)

(2)

(3)

(4)