

## HW #5 - December 26, 2004 Tsunami in Indonesia



### #5 (20 pts.)

The huge magnitude 9.2 earthquake that produced the tsunami in Indonesia on Dec. 26, 2004 occurred along a plate boundary.

- 1) Which 1 of the 3 types of plate boundaries was this? (3 pts.)
- 2) Which type of stress should build up along this type of plate boundary? (3 pts.)
- 3) About how much movement (in meters) occurred along the plate boundary during this earthquake (2 pts.)
- 4) How many kilometers long was the break along the fault line? (2 pts.).

Hint: Try looking up a US Geological Survey website and/or embedded links in that site to find this info.