

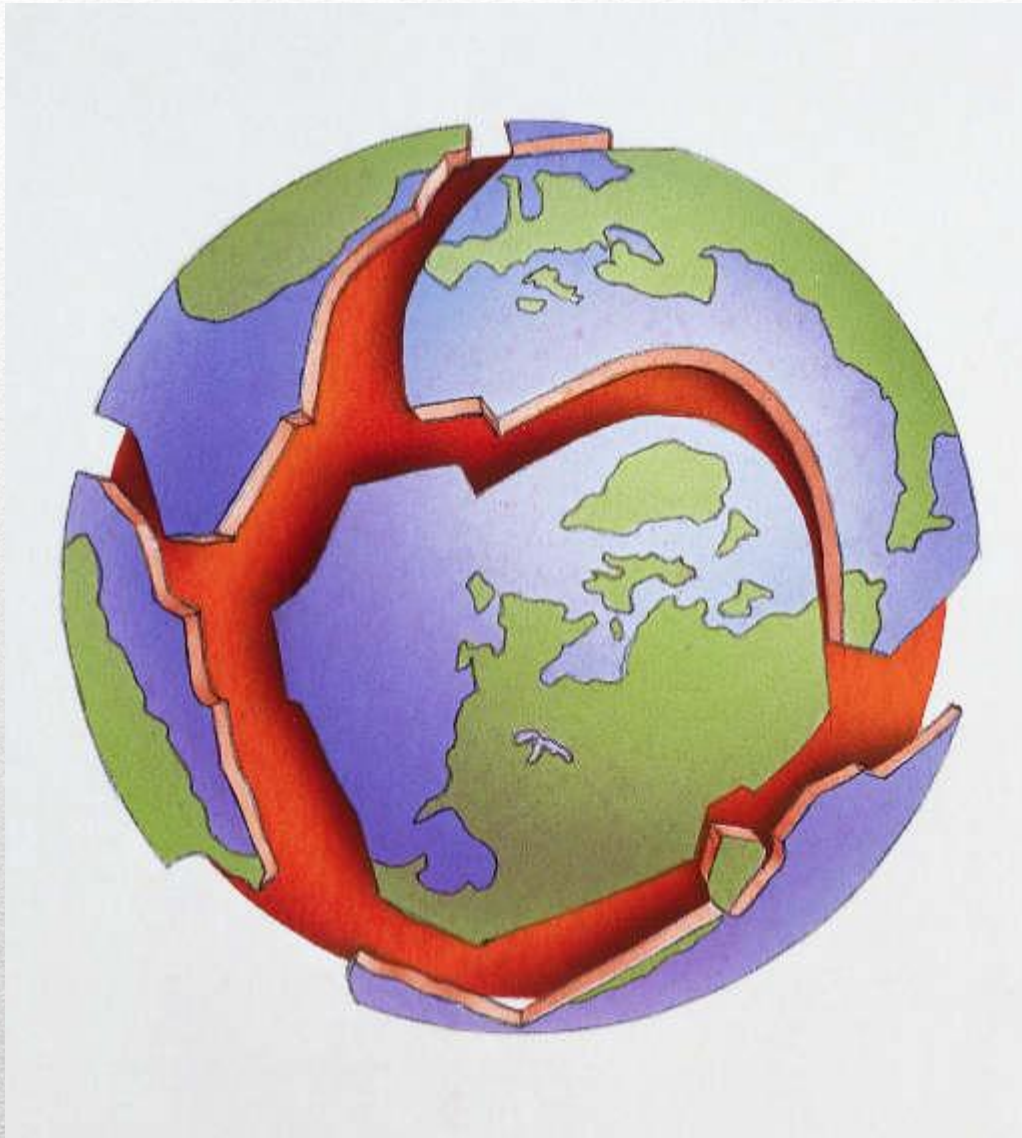


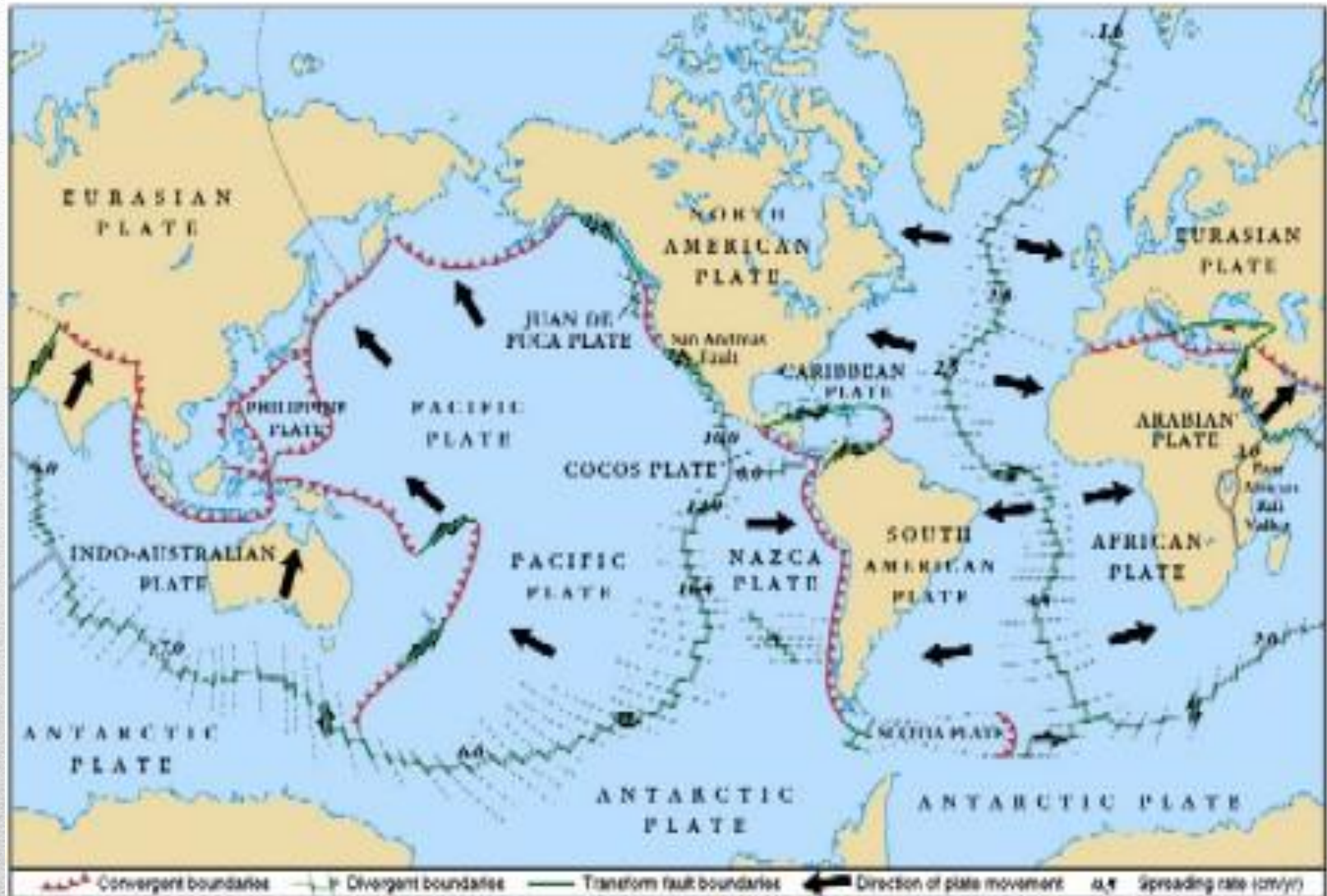
Plate Tectonics

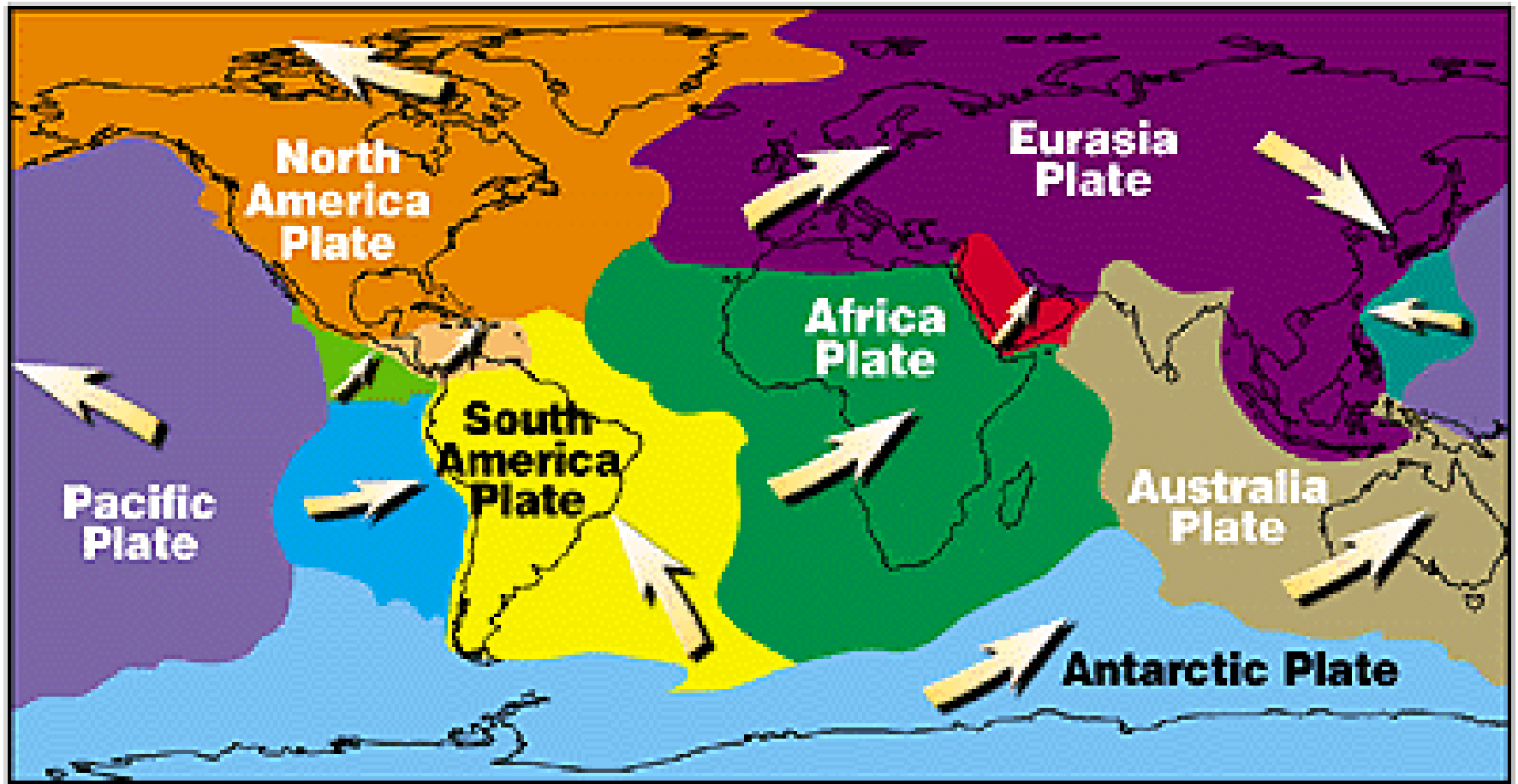
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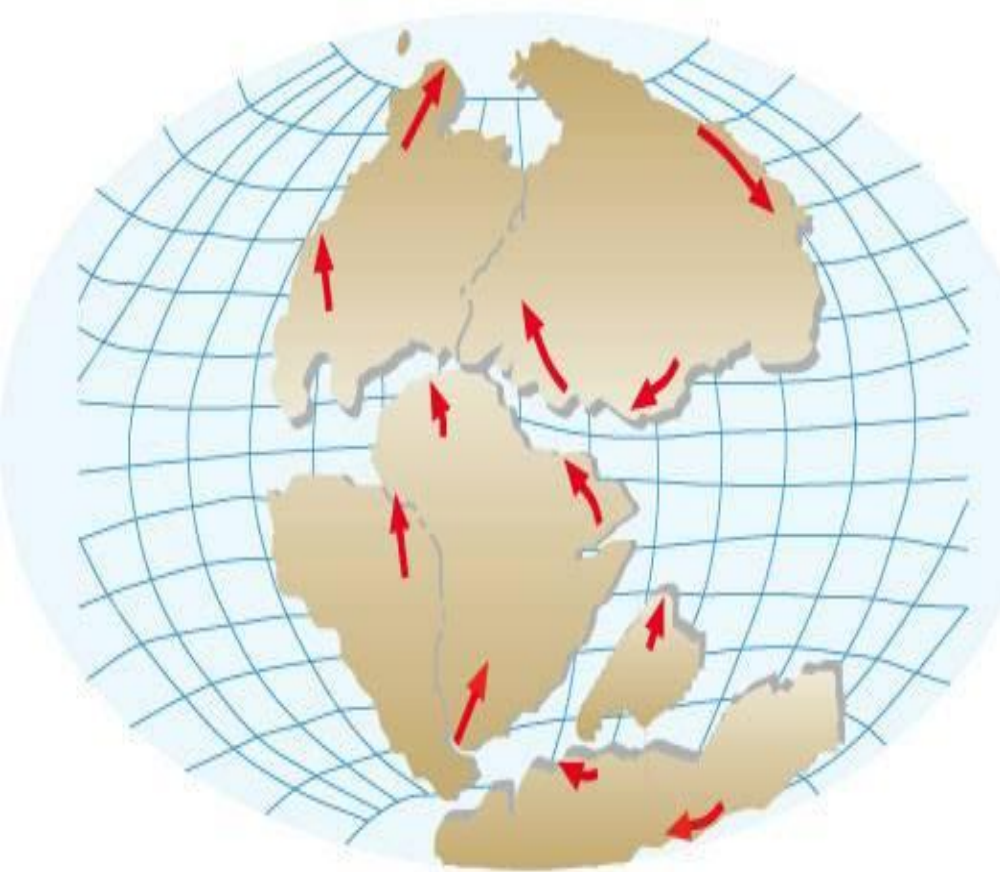
- The theory that the earth's lithosphere is broken into plates that move over the surface of the earth.
- Convection currents in the asthenosphere (3-10 cm per year) cause the plates to move
- Movement of one plate cannot take place without affecting others nearby
- The movement of the plates causes earthquakes, volcanoes, mountain ranges, trenches, mid-ocean ridges, island arcs, etc.

Summary: The movement of Earth's plates caused by convection currents resulting in changes in the Earth's surface.









(a)



(b)



**For additional pictures, look
at the following pages:**

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