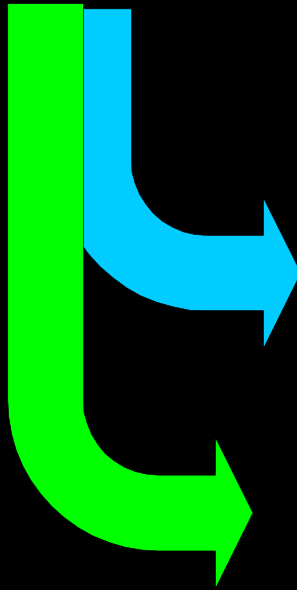


# Tektonik Lempeng

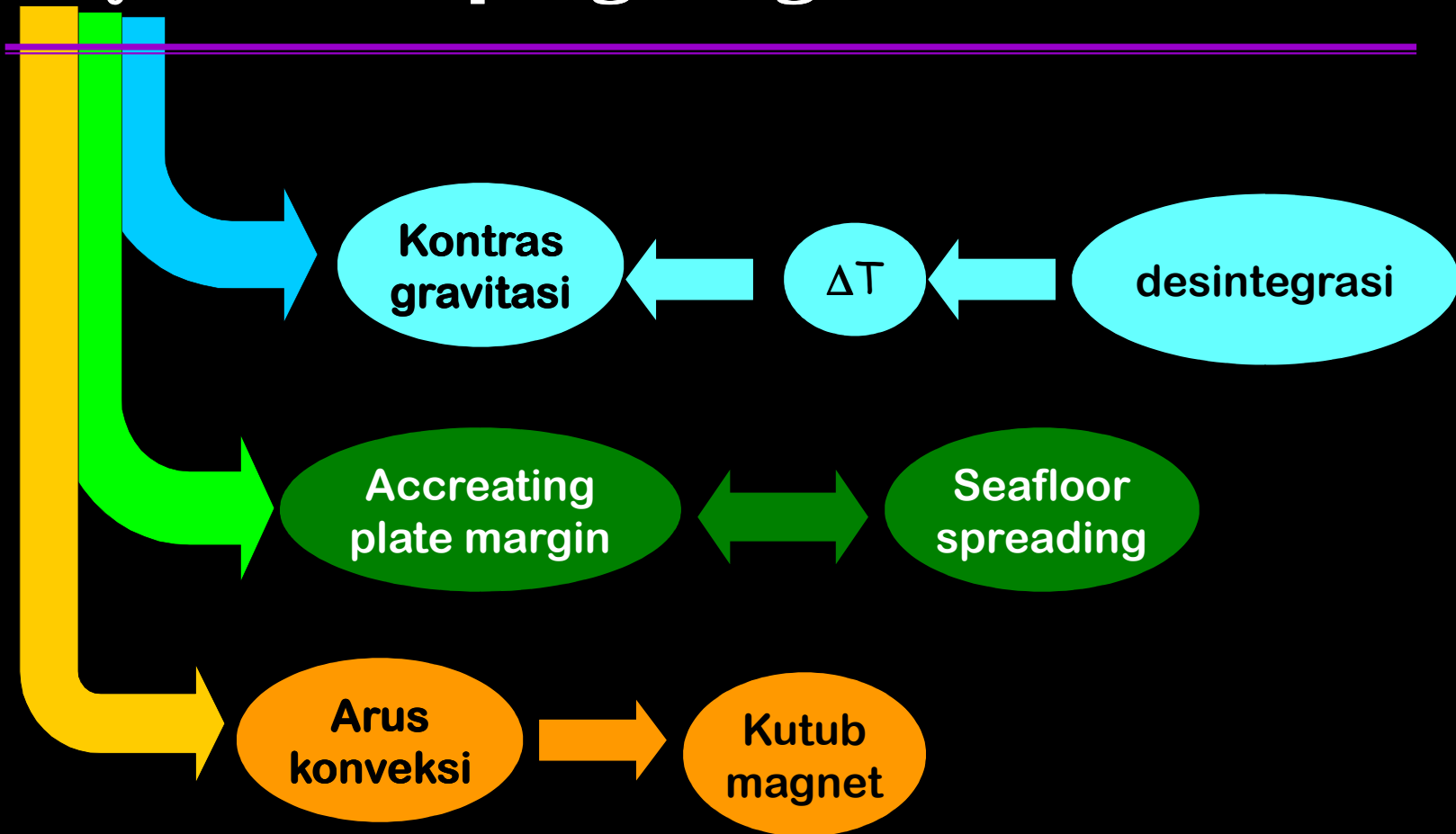


suatu model yang membagi kerak bumi menjadi beberapa lapisan

Berdasarkan pada :

- teori pergeseran benua (continental drift)
- pemekaran lantai samudra (sea floor spreading)
- sesar transform
- arus konveksi (convection current)

# Penyebab Lempeng Bergerak



# Bukti Lempeng Bergerak



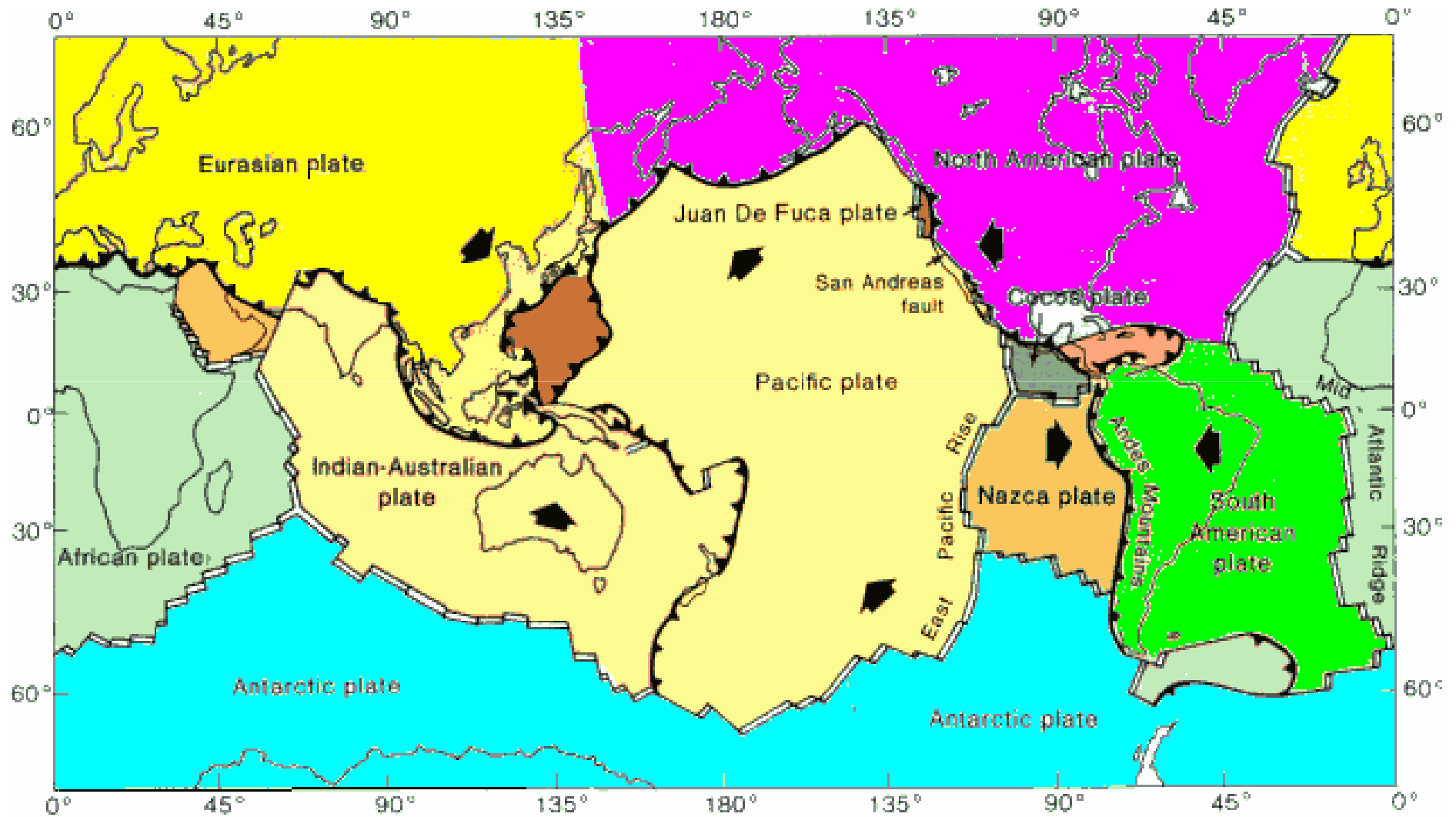
250 juta tahun yang lalu, belahan bumi selatan tertutup lapisan es. Belahan bumi utara tropis

# Continental Drift

Gerak relatif benua

- Kerak benua relatif lebih tebal, gravitasi stabil
- Saat lempeng litosfer bergerak, benua ikut bergerak

# Distribusi Lempeng



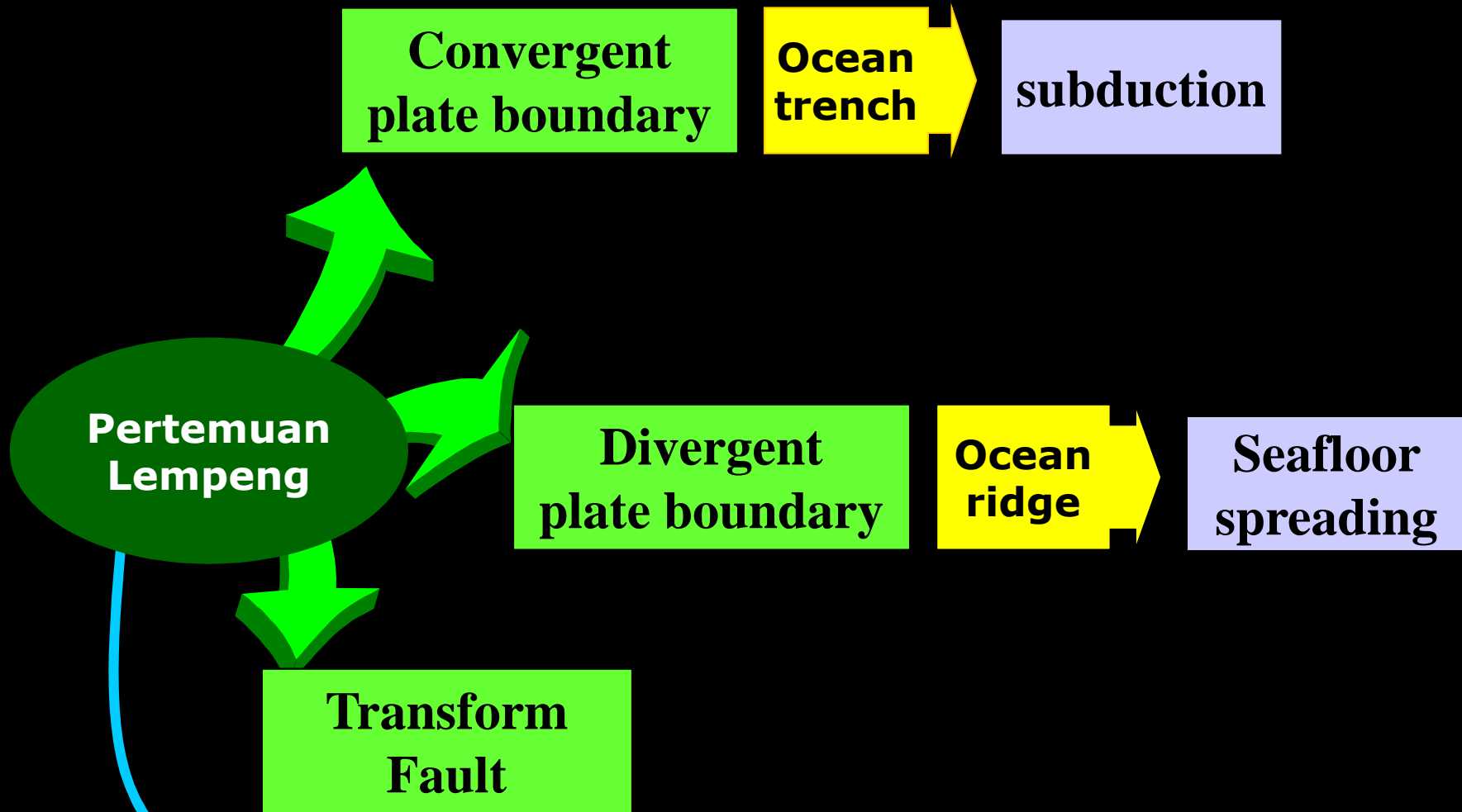
Spreading center



Converging boundary



Transform boundary



**Convergent  
plate boundary**

**Ocean  
trench**

**subduction**

**Pertemuan  
Lempeng**

**Divergent  
plate boundary**

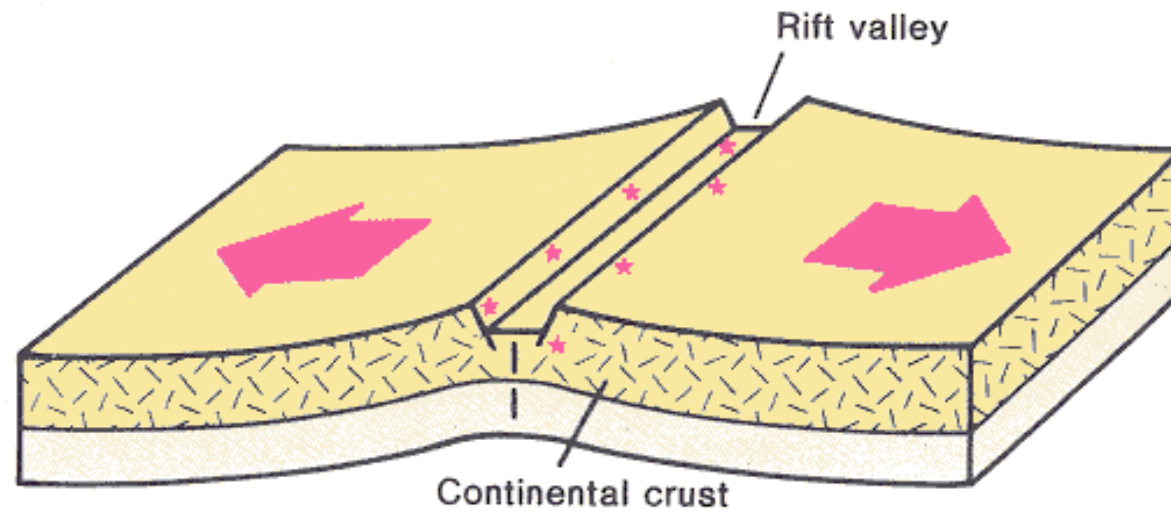
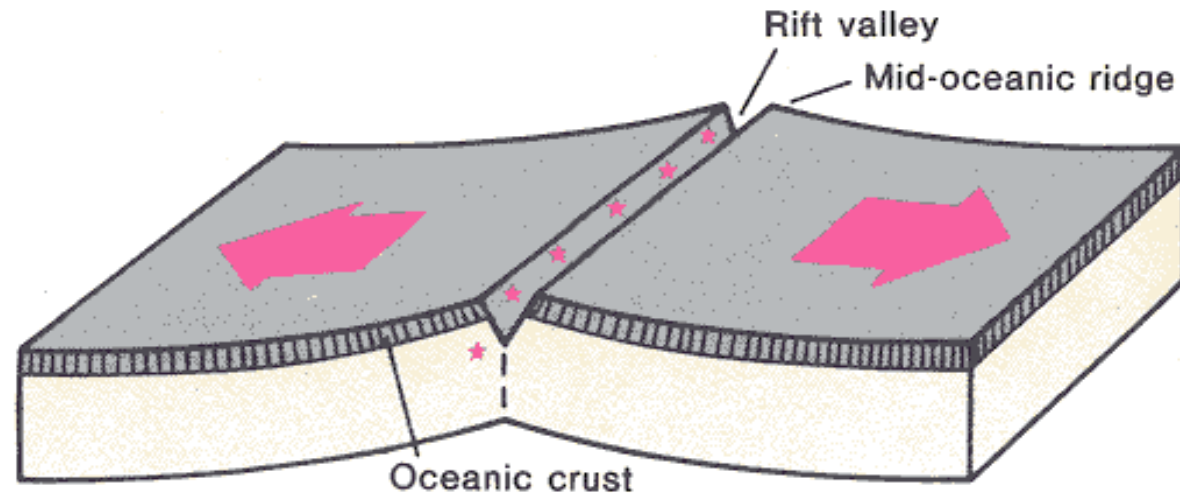
**Ocean  
ridge**

**Seafloor  
spreading**

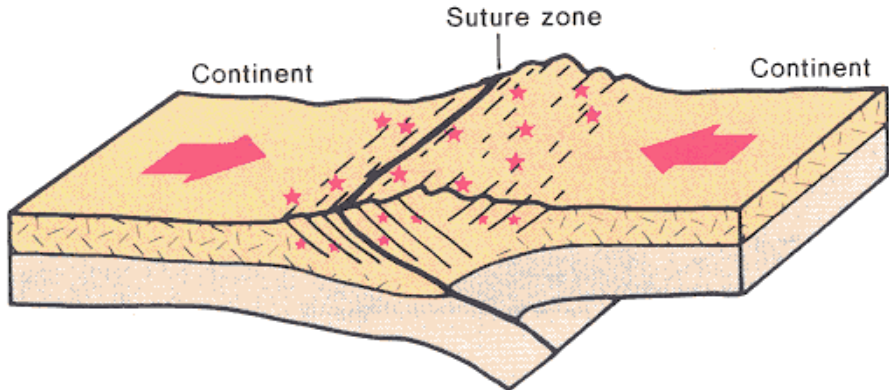
**Transform  
Fault**

**Gempa bumi, erupsi gunung api,  
jalur pegunungan**

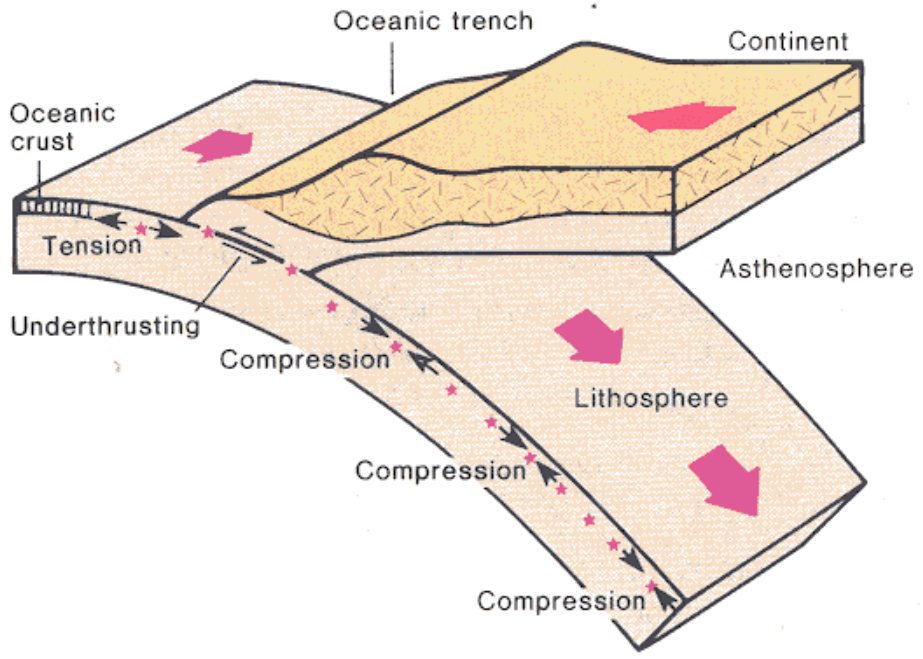
# Divergen



# Konvergen

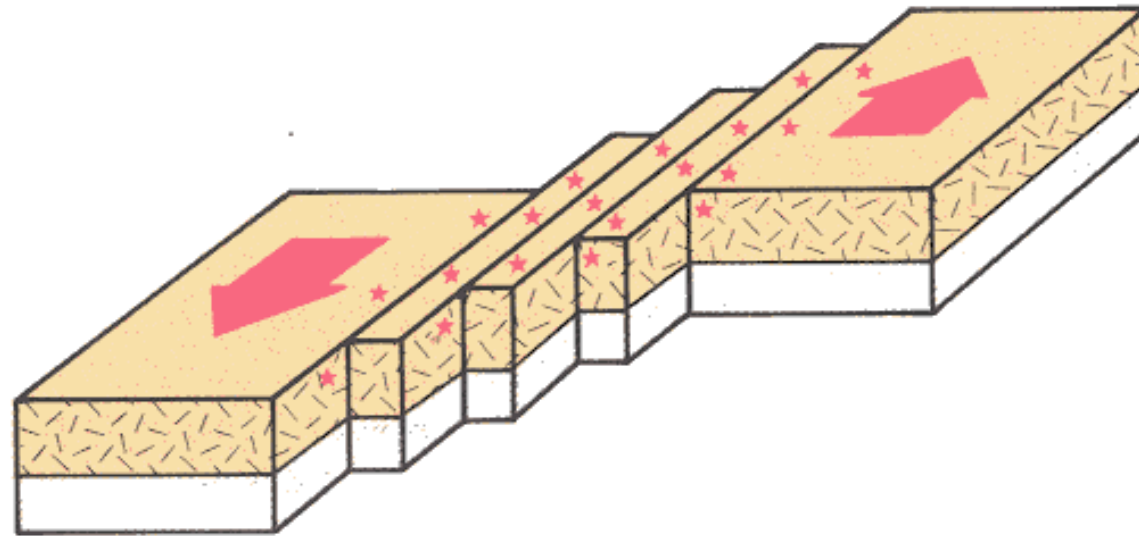
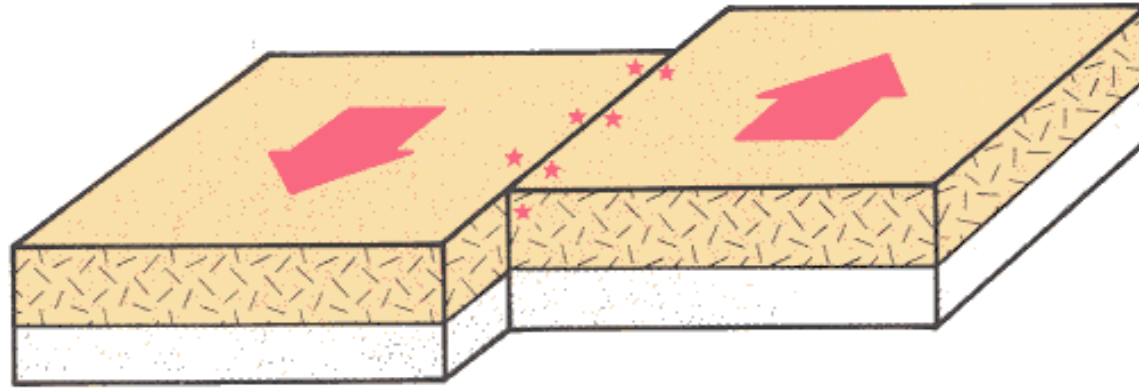


A



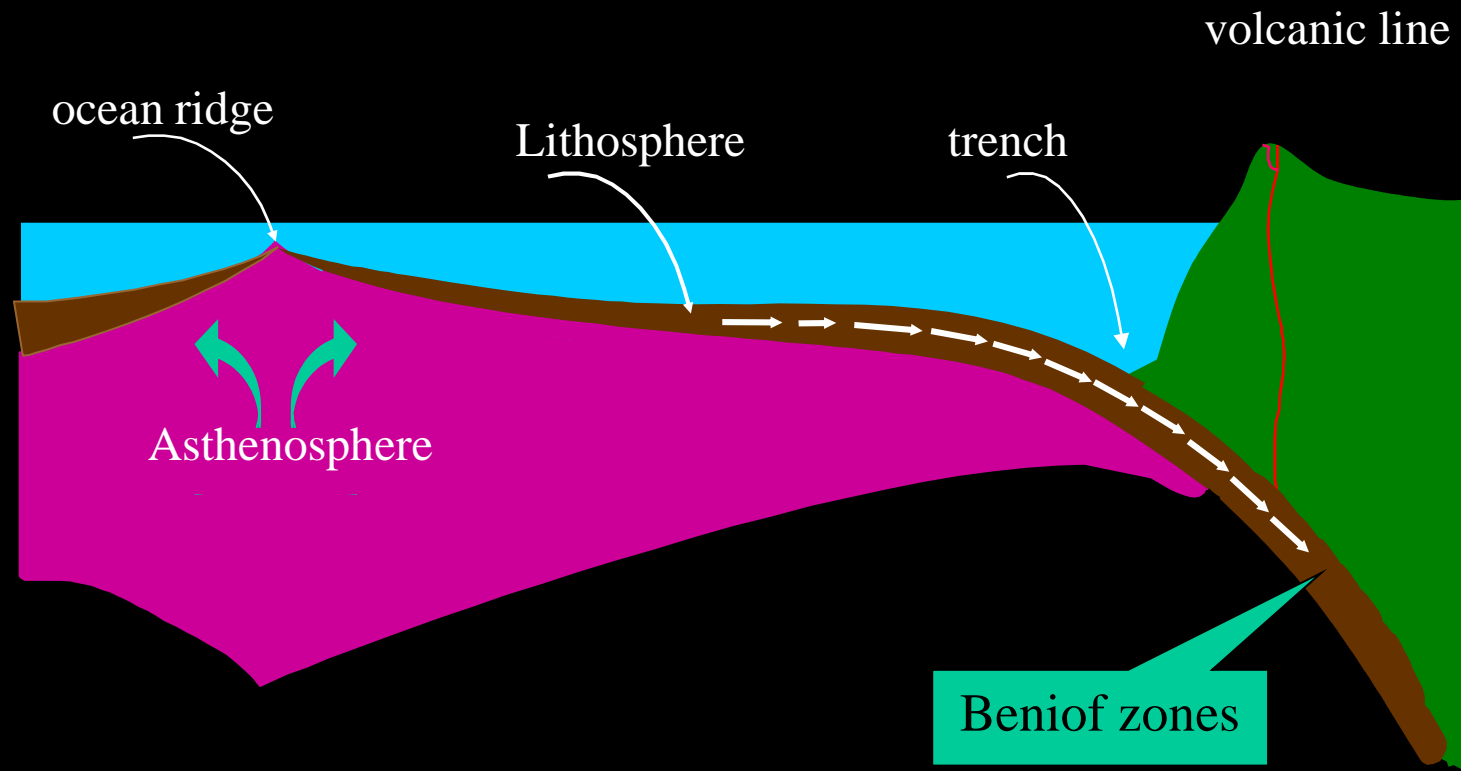


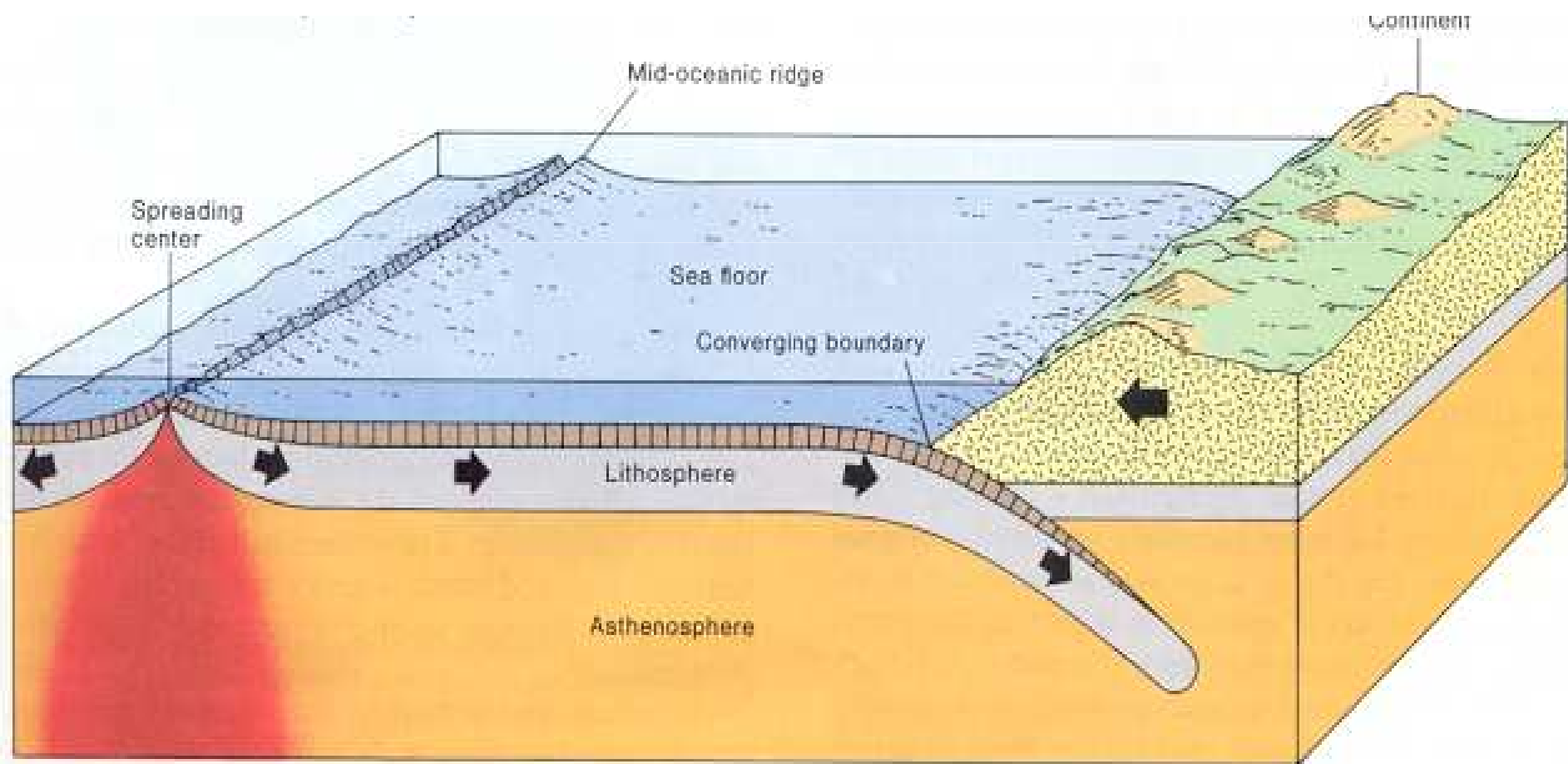
# Sesar Transform



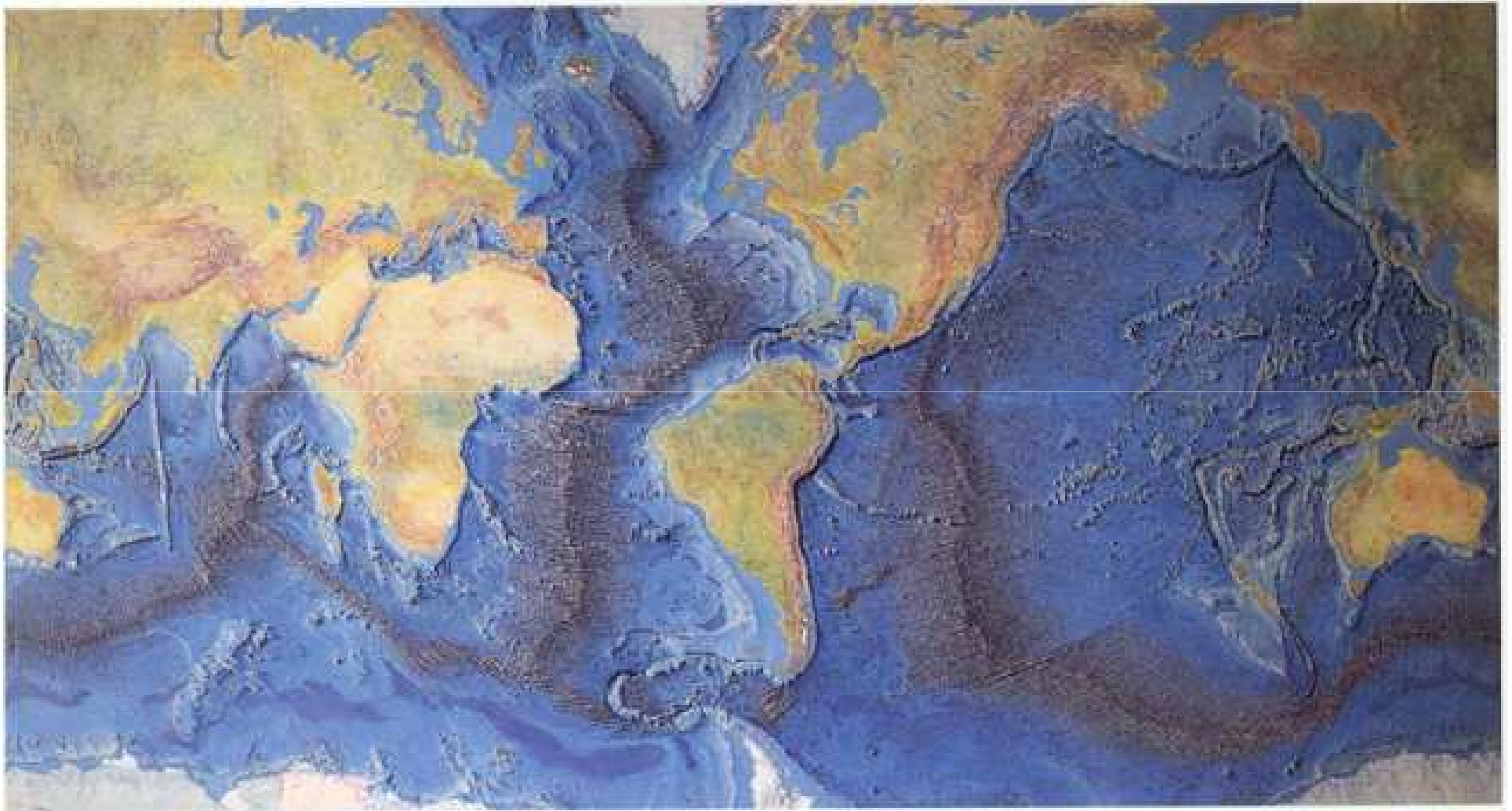
# Subduksi

menunjammnya lempeng samudra ke dalam lempeng benua





# Lantai Samudra



## Pusat Pemekaran Pada Punggung Samudra

