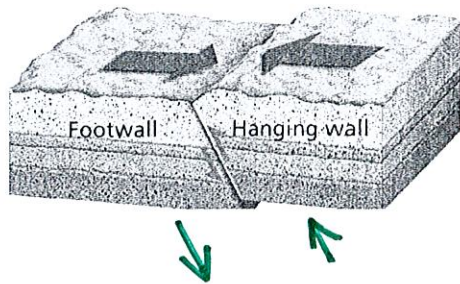


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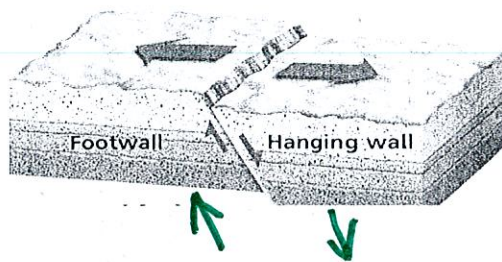
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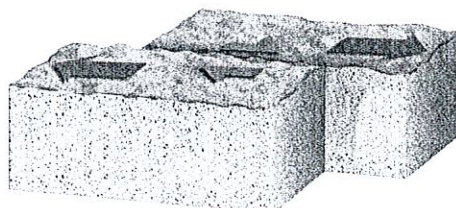
My Faults



Type of fault	Reverse
Boundary	Convergent
Caused by	Compression
What happens	Hanging wall moves up relative to footwall
Real-World Example	Northern Rocky Mtns.

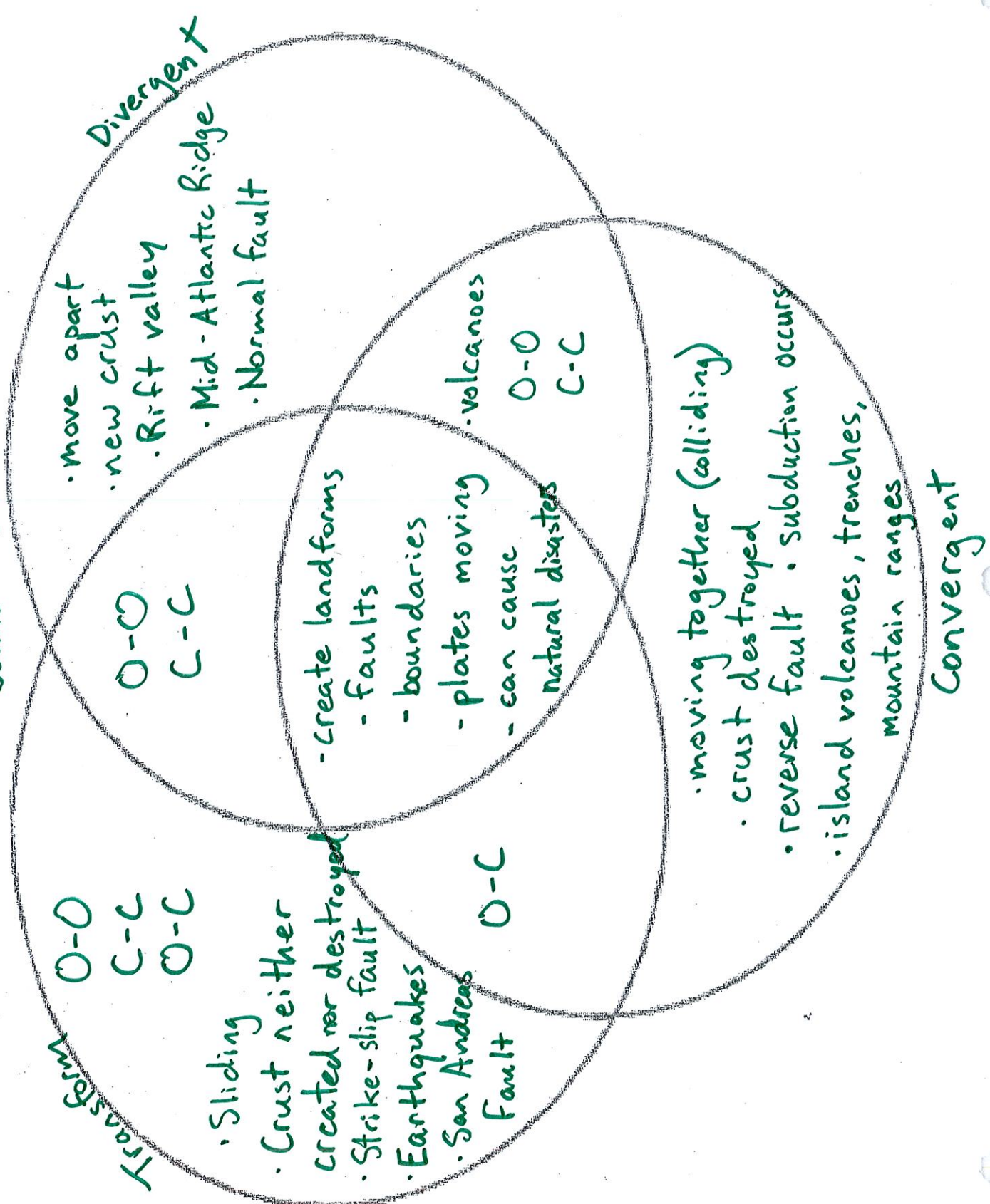


Type of fault	Normal
Boundary	Divergent
Caused by	Tension
What happens	Hanging wall slips down relative to footwall
Real-World Example	Rio Grande rift valley in New Mexico



Type of fault	Strike-slip
Boundary	Transform
Caused by	Sideways movement
What happens	Rocks on either side slip past one another
Real-World Example	San Andreas fault in California

Comparison of Plate Boundaries



Transform

O-O
C-C
O-C

- Sliding
- Crust neither created nor destroyed
- Strike-slip fault
- Earthquakes
- San Andreas Fault

Divergent

- move apart
- new crust
- Rift valley
- Mid-Atlantic Ridge
- Normal fault

O-O
C-C

- create landforms
- faults
- boundaries
- plates moving
- can cause natural disasters
- volcanoes

O-O
C-C

moving together (colliding)

- crust destroyed
- reverse fault
- subduction occurs
- island volcanoes, trenches, mountain ranges

Convergent