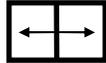


PLATE TECTONICS EXERCISE

Draw and label all the plate tectonic features listed below on the world map provided. Be neat and accurate. Draw each feature in the color indicated. Use a tectonic globe, atlas or map to find the features. Note that the names of some features may vary somewhat from source to source.

1) **Divergent** plate boundaries (spreading ridges, rises, rifts) draw in red:

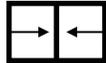


Mid-Atlantic Ridge
Arctic Ridge
East African Rift

East Pacific Rise
Red Sea Ridge
Carlsberg Ridge

Raykjanes Ridge
Mid-Indian Ridge

2) **Convergent** plate boundaries (subduction zones, trenches) draw in blue:

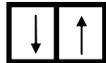


Middle America
Marianas
Sunda (Java-Sumatra)
Peru-Chile
Cascadia

South Sandwich
Philippine
Aleutian
Puerto Rico

Tonga-Kermadec
Japan
Kurile
Hellenic

3) **Transform** plate boundaries (transform fault, fracture) draw in green:



Mendicino
Clarion
Romanche
San Andreas fault

Murray
Easter
Falkland
Alpine fault

Molokai
Clipperton
Ninetyeast
Anatolian fault

4) **Major tectonic plates**, label in large letters:

South American
Eurasian
Pacific
Caribbean
Arabian

North American
Antarctic
Nazca
Juan De Fuca
Philippine

African
Indo-Australian
Cocos
Scotia

5) **Hot spots**, mark with an "*" and label.

Yellowstone
Iceland

Hawaii
Canary

Galapagos
Afar

Name: _____

