

**Convergent Plate Boundaries**

	Trench	Overriding Plate	Subducting Plate
1 )	Peru-Chile Trench	☀	☀
2 )	Aleutian Trench	☀	☀
3 )	Tonga Trench	☀	☀
4 )	Mariana Trench	☀	☀

**Divergent Plate Boundaries**

	Ridge	Name the two diverging plates.	
5 )	Mid-Atlantic Ridge (north of equator)	☀	☀
6 )	Mid-Atlantic Ridge (south of equator)	☀	☀
7 )	East Pacific Ridge	☀	☀
8 )	Southeast Indian Ridge	☀	☀
9 )	Southwest Indian Ridge	☀	☀
10 )	Mid-Indian Ridge	☀	☀

**Transform Plate Boundary**

		Name the two sliding plates.	
11 )	San Andreas Fault	☀	☀

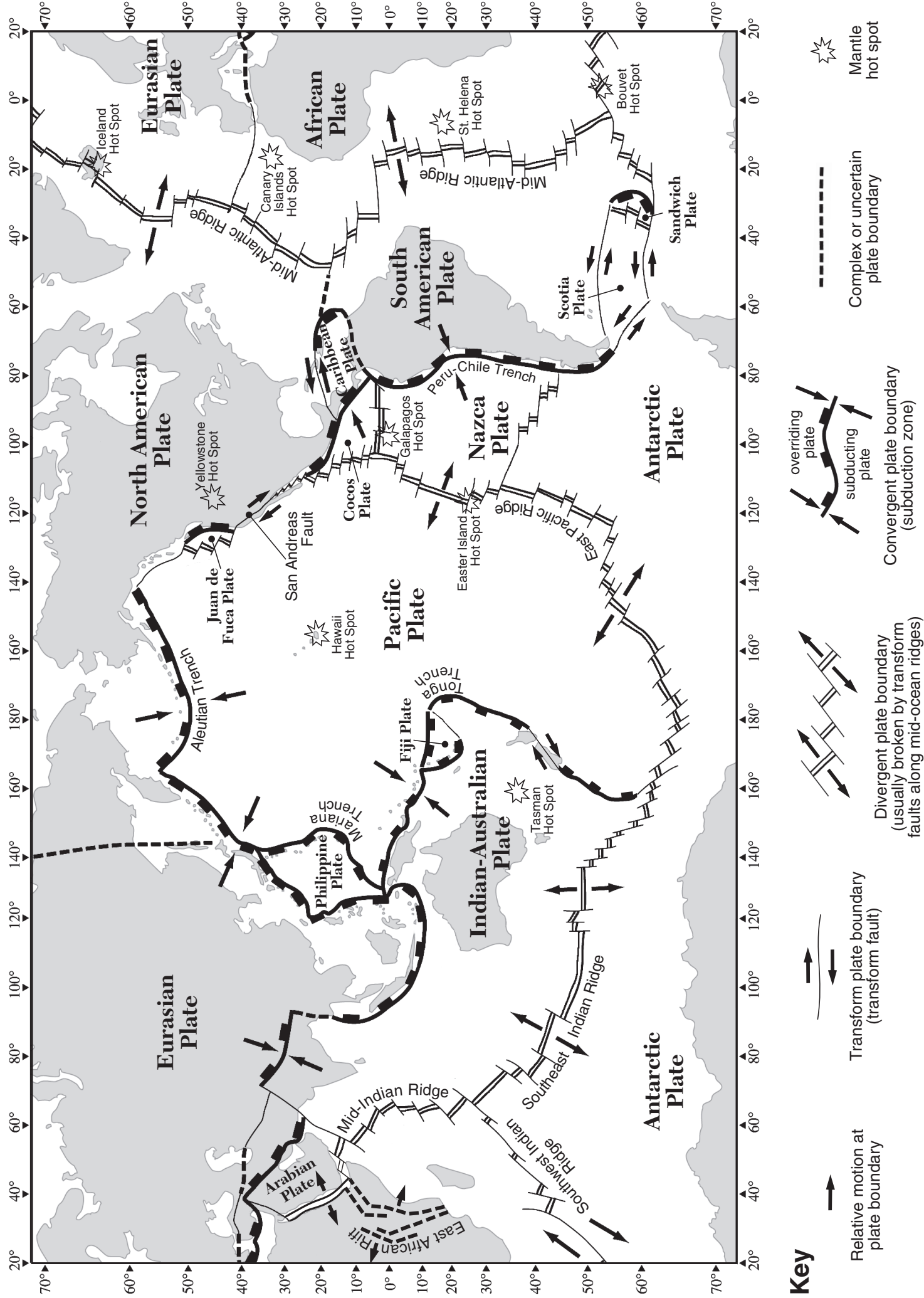
**Hot Spots**

	Name	Check one	
		At a Plate Boundary	Far from a Plate Boundary
12 )	Hawaii		
13 )	Galapagos		
14 )	Canary Islands		
15 )	Iceland		
16 )	St. Helena		
17 )	Bouvet		
18 )	Easter Island		
19 )	Tasman		
20 )	Yellowstone		

**Plate Boundaries by Coordinates**

	Latitude	Longitude	Type of Plate Boundary
21 )	50°S	30°E	
22 )	40°N	20°W	
23 )	0	30°E	
24 )	70°N	140°E	
25 )	45°N	150°E	

# Tectonic Plates



## Key

- Relative motion at plate boundary
- Transform plate boundary (transform fault)
- Divergent plate boundary (usually broken by transform faults along mid-ocean ridges)
- Convergent plate boundary (subduction zone)
- Complex or uncertain plate boundary
- Mantle hot spot

NOTE: Not all mantle hot spots, plates, and boundaries are shown.