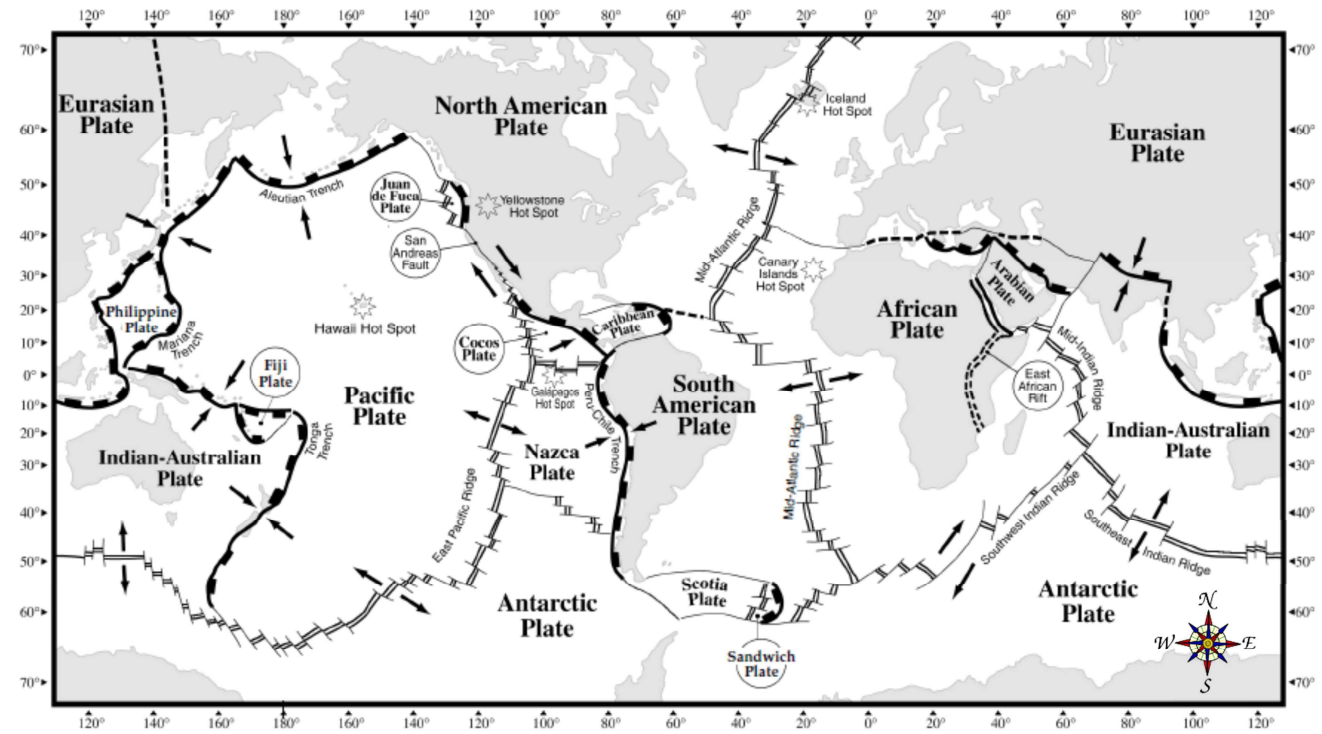


Name: _____ Date: _____ Period: _____

Tectonic Plates Map Worksheet - Keep this sheet so you may study for your test. We will review answers in class. (20 pts)



KEY:

- Divergent Plate Boundary (usually broken by transform faults along mid-ocean ridges)
- Convergent Plate Boundary (Subduction Zone)
- Transform Plate Boundary (Transform Fault)
- Complex or Uncertain Plate Boundary
- Relative Motion at Plate Boundary
- Mantle Hot Spot
- Mid-Ocean Ridge

NOTE: Not all plates and boundaries are shown.

Directions: Use the map above to answer the questions below.

1. What plate do residents of Tallahassee Florida live on?
2. Using the key above, at what type of plate boundary do plates move away from each other?

3. How do plates move relative to each other at convergent plate boundaries?
4. At what type of plate boundary do tectonic plates slide past one another?
5. What type of plate boundary exists between the South American Plate and the Nazca Plate? Which is the overriding plate?
6. Which plate is the subducting plate at the Aleutian Trench?
7. What type of plate boundary exists between the Indian-Australian Plate and the Antarctic Plate?
8. What kind of plate boundary exists at the San Andreas Fault?
9. What kind of plate boundary exists at the Southeast Indian Ridge?
10. How are the African Plate and the South American Plate moving relative to each other?
11. How are the plates moving relative to each other at the Mid-Ocean Ridge?
12. On what tectonic plate is the Hawaiian Hot Spot?
13. Name the hotspot located on the African Plate.
14. What hotspot is located on the Equator?

15. Which tectonic plate is located at 30 degrees north and 40 degrees east?
16. In what direction is the North American Plate moving at the San Andreas Fault?
What direction is the Pacific Plate moving?
17. Over what "Ridge" is the Iceland Hotspot located?
18. Between what two plates is there a complex or uncertain plate boundary?
19. The Sandwich Plate is *sandwiched* between what two plates?
20. What kind of a landform is created at divergent plate boundaries? Give one example.
21. What kind of a landform is created at convergent plate boundaries? Give one example.
22. Are all of the tectonic plates and their boundaries shown on the map? Explain.