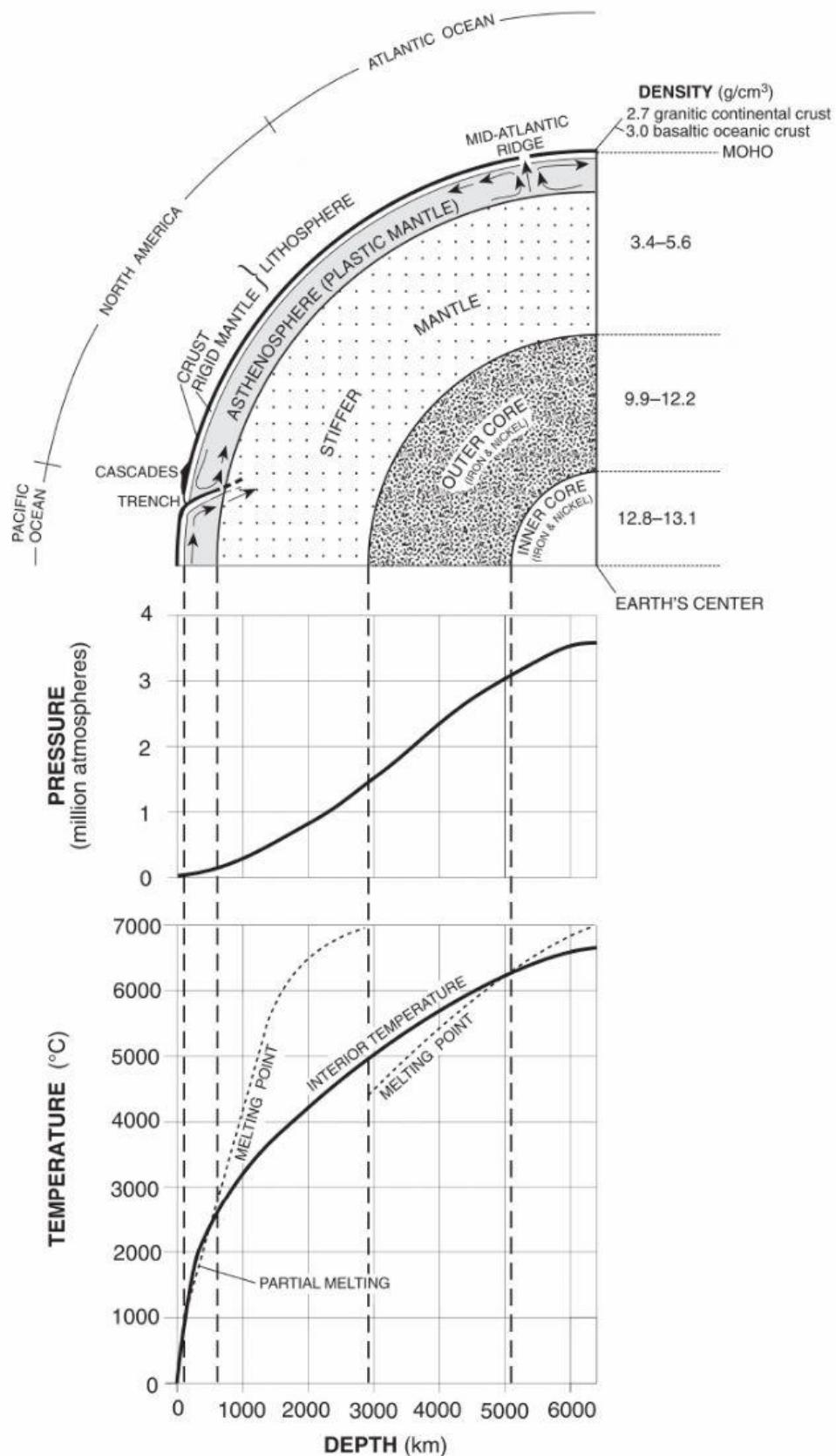


## Inferred Properties of Earth's Interior



## Inferred Properties of the Earth's Interior

1. As depth increases, temperature \_\_\_\_\_

2. As depth increases pressure \_\_\_\_\_

3. As depth increases, density \_\_\_\_\_

4. What is the temperature at a depth of 3000 km? \_\_\_\_\_

5. What is the density of **granitic continental crust**? \_\_\_\_\_

6. What is the density of **basaltic oceanic crust**? \_\_\_\_\_

7. Which of the two, oceanic crust or continental crust, will float over the other? \_\_\_\_\_

Note: Remember that substances with higher density sink under substances with lower density.

8. Between what range is the density of the inner core? Include units. \_\_\_\_\_

9. What is the pressure at a depth of 5000 km? Include units. \_\_\_\_\_

10. What 2 metals is the inner core and outer core made out of? \_\_\_\_\_

11. What is the density of the mantle? \_\_\_\_\_