

NAME:

EARTH'S INTERIOR WORKSHEET # 1
MR. ALTIZIO

Answer the following questions using your Earth Science Reference Tables (p. 10)

1. Which part of the Earth's crust is denser, the continental or oceanic crust?
2. What is the pressure at the interface between the mantle and the outer core?
3. What is the pressure at 5,000km below the surface of the Earth?
4. What is the pressure range within the outer core?
5. What is the approximate temperature at 3,000km below the surface of the Earth?
6. What is the approximate temperature at boundary between the asthenosphere and the stiffer mantle?
7. What happens to temperature and pressure as depth below the surface of the Earth increases?
8. Within which layer would you find a density of 10.5?
9. What is the inner core made of?
10. Which layer is in the liquid phase?