

Name _____

Earth's Layers (Density Lab)

$$\text{Density} = \text{Mass} / \text{Volume}$$

Material	Mass	Volume	Density
Basalt Rock			
Granite Rock			
Iron Cap			
Steel Sphere			
Magnetite Rock			
Styrofoam Ball			
Plastic Tube			
Chalcocite Rock			

Earth's Layer (Density)	Material	Density
Atmosphere (.001 - .003)		
Ocean Water (1.1 – 1.3)		
Continental Crust (2.7 – 3.0)		
Oceanic Crust (3.0 – 3.3)		
Upper Mantle (3.3 – 4.9)		
Lower Mantle (5.0 – 5.7)		
Outer Core (9.9 – 12.2)		
Inner Core (12.6 – 13.0)		