

Table 7.1. Worksheet for Modeling Earth's Dimensions Activity

Layer of the Earth	Average density of each layer (g/cm ³) (A)	Actual layer thickness (km) (B)	Actual radius from center of Earth to top of layer (km) (C)	Radius on diagram from the center to the top of the layer (mm) (D)
Inner core	11.5	1220	1220	
Outer core	9	2270		
Mantle	4.5	2860		
Crust*	2.9	21*		

*The thickness of the crust varies considerably. This is an average thickness. Oceanic crust is thinner than continental crust.