

**Table 8.2.** Net buoyancy force calculation table

Object	Weight of object (grams)	Gravitational force on object (Newtons)	Float or sink prediction	Float or sink observation	Weight of displaced water (grams)	Buoyancy force due to water on object (Newtons)	Net Buoyancy Force (Newtons)
Clay sphere							
Metal							
Wood							
Clay Boat							