

Oct. 9

Force of Friction F_f

The Normal Force (reaction Force from the table) N

Force applied F_a

Weight

What are the units of Force? lbs, Newtons

English system

Mile 1000 paces of a Roman Soldier

ft

inches

Yard

ounces, cup, pint, Quarts, gallon

$^{\circ}F$

lbs

metric

water boils at $100^{\circ}C$

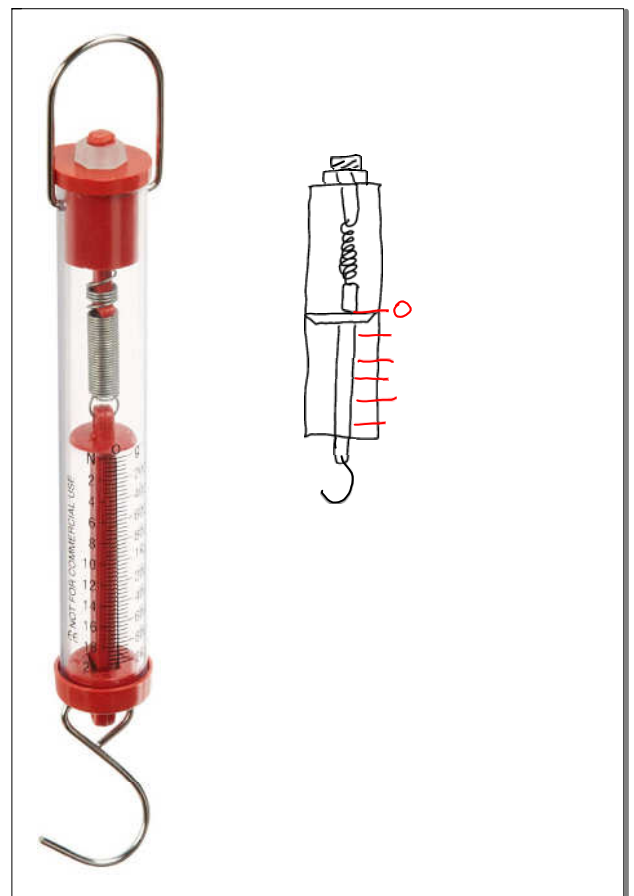
freezes at $0^{\circ}C$

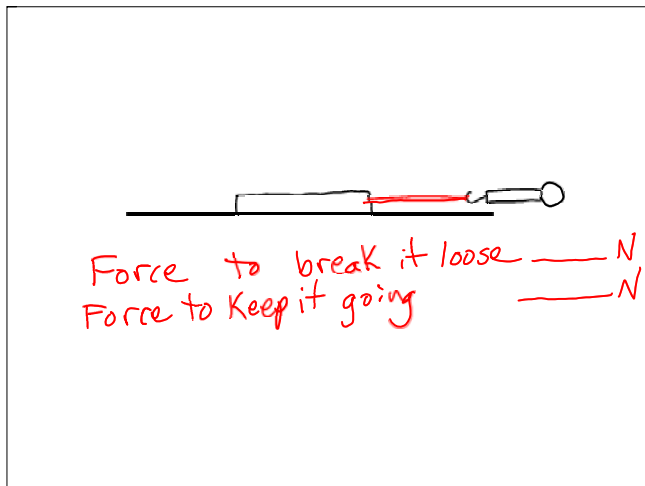
Meter

Liter

gram

Newton





Two types of Friction

static Friction
(stationary
(not moving))

Kinetic Friction
(moving)