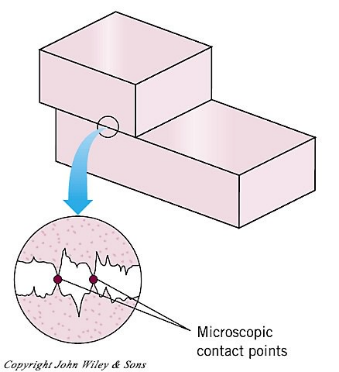
Friction and Gravity

Friction = force that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ when the two rub against each other

2 types of friction:  
 1) \_\_\_\_\_\_\_\_\_\_\_ - acts on stationary objects experiencing a force   
 2) \_\_\_\_\_\_\_\_\_\_\_ - acts on moving objects





Types of kinetic friction:

1. \_\_\_\_\_\_\_\_\_\_
2. \_\_\_\_\_\_\_\_\_\_
3. Fluid = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



Gravity = force that \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ = the only force acting on a falling object is gravity

- all objects in free fall accelerate at the same rate. Acceleration due to gravity = 9.8 m/s2   
   
Weight = measure of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ on an object

Weight = Mass x acceleration due to gravity  
 = mg

= Mass x 9.8 m/s2  
Mass (amount of matter in an object) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, but weight  
  
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ depending on the force of gravity.