

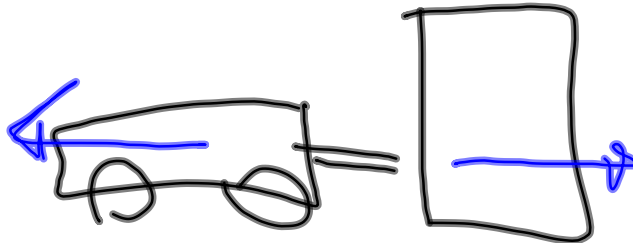
Newton's 3rd Law

When one object exerts a force on a second object,

the second object simultaneously exerts an identical* force on the first object

in the opposite direction.

* same magnitude & same kind of force

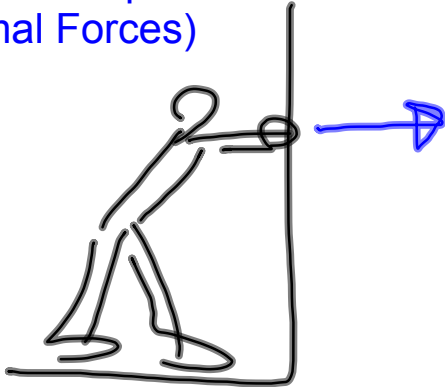


cart pushes brick to the right
brick pushes cart to the left
(Normal Forces)

Action and reaction forces are always equal,
even if the resulting motion is not

round 1**NAME THE REACTION FORCE**

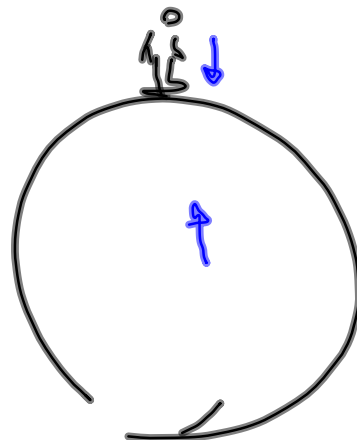
person pushes wall to the right
 wall pushes person to the left
 (Normal Forces)



person pushes ground to the left
 ground pushes person to the right
 (Friction Forces)



Earth pulls person down
 person pulls Earth up
 (Gravity Forces)



round 2
FBDs WITH 2 OBJECTS

