Newton's 2nd Law:

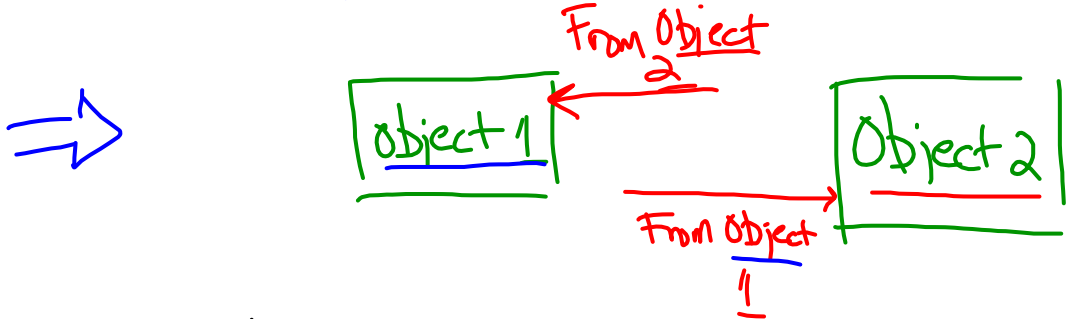
#3: Net force backwards = acceleration backwards

#7: ~~$v = 7.6\ m/s$~~ $a = 0$

$F_{net} = m \cdot a = m \cdot 0 = \boxed{0\ N}$

Newton's 3rd Law:

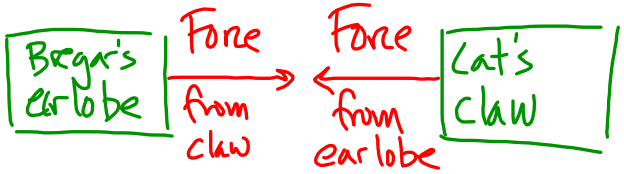
Forces occur in pairs between objects. ALWAYS. They will be equal in size and opposite in direction.



⇒ Object 1 pushes on object 2.

⇒ At the same time, object 2 pushes on object 1.

Example: Bregar's cat uses her claw to yank on his earlobe.

⇒ 

⇒ Cat's claw is pulling Bregar's earlobe.

⇒ A.T.S.T. (at the same time), Bregar's earlobe is pulling on the cat's claw.