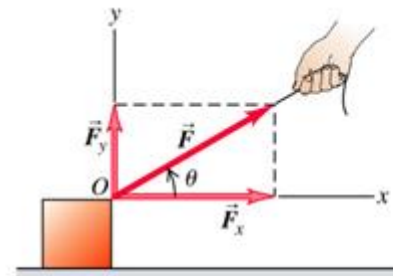
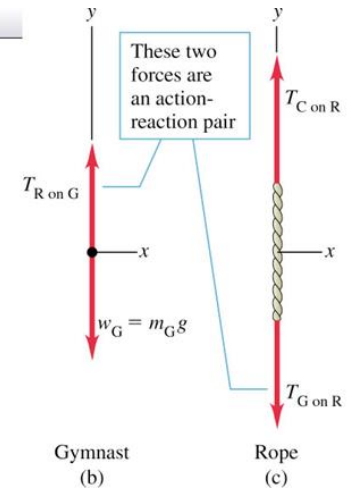
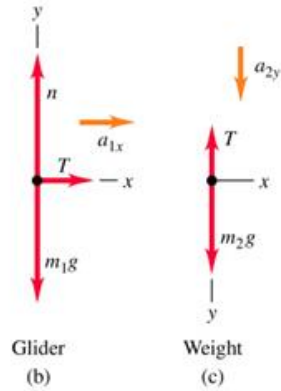
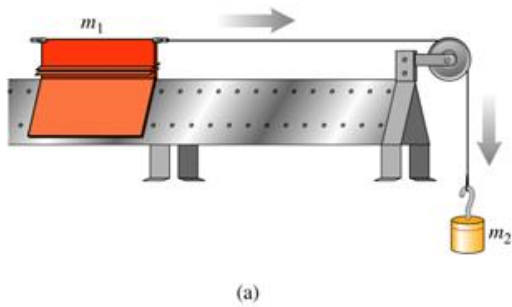
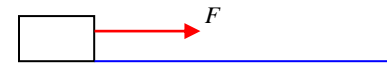


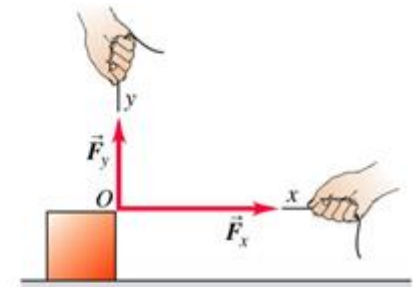
Kap 04, 05 Newtons lever

Newtons lever

1. $\vec{F} = \vec{0} \Rightarrow D\vec{v} = \vec{0}$
2. $\vec{F} = m\vec{a}$
3. $\vec{F} = -\vec{F}'$



Component vectors: \vec{F}_x and \vec{F}_y
 Components: $F_x = F \cos \theta$ and $F_y = F \sin \theta$
 (a)



Component vectors \vec{F}_x and \vec{F}_y together have the same effect as original force \vec{F} .
 (b)