Note Title 2/13/2013

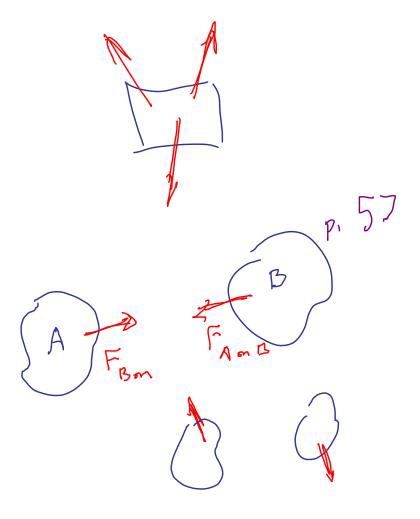
Forces /= mã

 $F_x = max$ $F_y = may$

Mewton's 3rd Law

If A exorts force on B B exorts force on A

Lokes are opp in div, equal in may



Misstaked Action - Reaction. " Action - Reaction Pair" Forces between

Fomá

4.45 1 kg / 2 kg

when all blocks more together treat than as one object.

"Only" external force is 12N Fx = Max

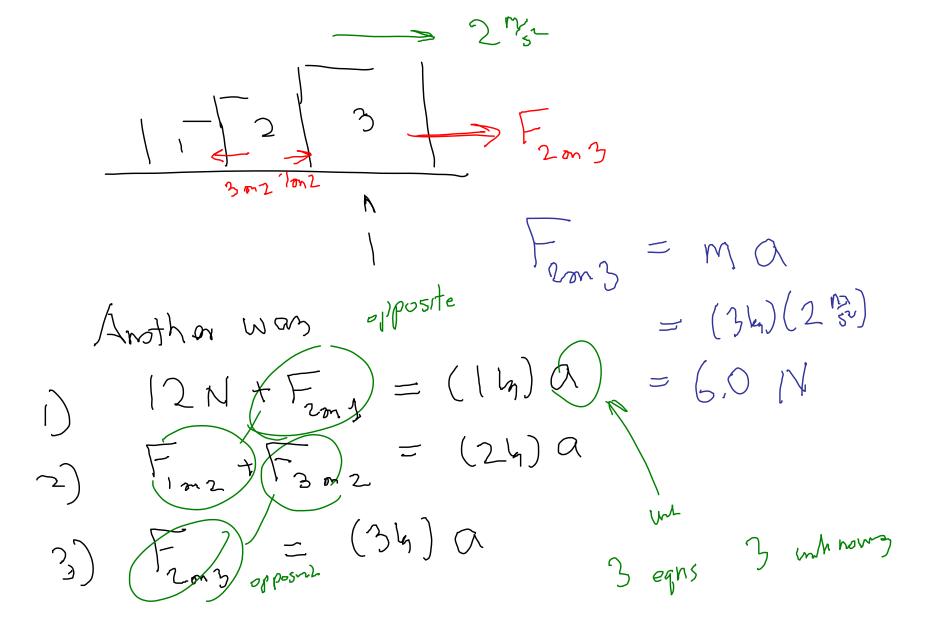
 $Q_{x} = 2.0^{m/s^{2}}$

Each block has this acceleration.

Blocks on table.

A 12N force 15 applied to left most block.

What force does the middle backxert on the right most one?



-X Rmple Oky mass U susponded as shown. Find tensions in all strings T35m45-98N John Fr = 139 N Exis add to year.

$$\sum F_{x} = 0$$

$$-T_{2} + T_{3} \cos 45^{\circ} = 0$$

$$\boxed{T} = T \cos 48 = 98 \text{ N}$$

Campar hangs pack as shown. (26 hg Fm1 forsions in the 10pes. SF = 0 - Tros7P + Tr cos28 SF, = 0 TISM 78 + 12 SIN 28 - MQ Zegns, 2 columns

Accelerations same, a Example trad accel a. 3kg M R5325 one as made Tenson 15 some on booth ands

