Newton's 3rd Law If A pushes on B, B pushes on A with . same type of force · Same may nitude of force . In the opposite direction "force pairs" or "twins" What is the twin of the normal force? A) weight of the black (B) normal force on the table c) both . D) reither twins always act on different objects N is "takk pushes up on black" is "black pushes down on talle" twin " earth pulls down on block" two is block pulls up on Earth" Which is larger? A) force of Earth on block B) force of black on Earth (c) Both the same) N3L I exert the Same force on him as he exerts on me What we see (effect) is the acceleration not the force! a = F I have larger mess so I have smaller acceleration.

Nfigur IN 2N => constant speed NF IN Na Na 2N

K+ NA Kt TNt Haw many forces are acting on the LN block? A) 1 B) 2 c) 3 D) 4 E) 5 F) 6 What is not force on the table due to the blocks? A) [ A) ~ (D) ~ (E) 1 F) ← Q.g. MUYO I kg WIT NIZ Is there a frictional force on Ikg block! A) No NITW B) Yes, S -> c) Yes, 5, ← D) ' K-What If it's slowing down? forces Sliky <- a My alaka K (= Fret S = (1kg)a but if this is > Ms Noz then 5 breaks & Ikg block flixs off