Thysics 1 2017-09-19. - Questias. Newtais Land - Reading. Free-body diagram dynamics Agenda: - Scope of Ten Exam 1 - Bloch ma plane.

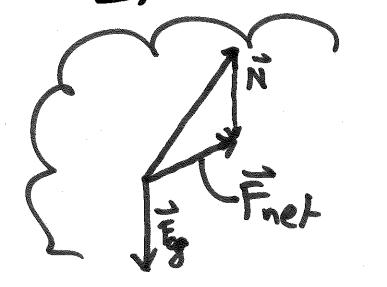
13 13

- no air. - no friction. - release from rest what is the acceleration at all the block?

guss: |a| = 19 sud

"hickalers" kufaces produce only homal Fr.

1 = mg



IMI 19

-no air -no hickan - r.f.r.
-floor's not arcelerating.
free-body diagram.

Because  $\vec{a} = \vec{0}$   $\vec{F}_g = \vec{m} \vec{q}$   $\vec{N} = \vec{F}_g$   $\vec{F}_g = \vec{m} \vec{q}$   $\vec{N} = \vec{N} = \vec{N}$ 

what is the "nel" force? totale Force Frez = Fg + N vector equation! F=mg | Fret Important: to draw this dragran - we needed to Interplay between forces + kind-natics