

PHYSICS 2A Fall '13

Notes: 8-19-13

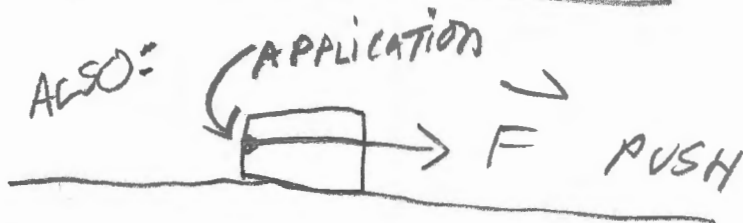
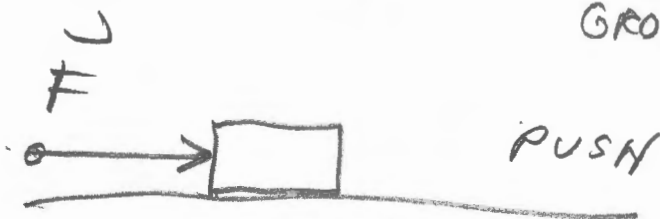
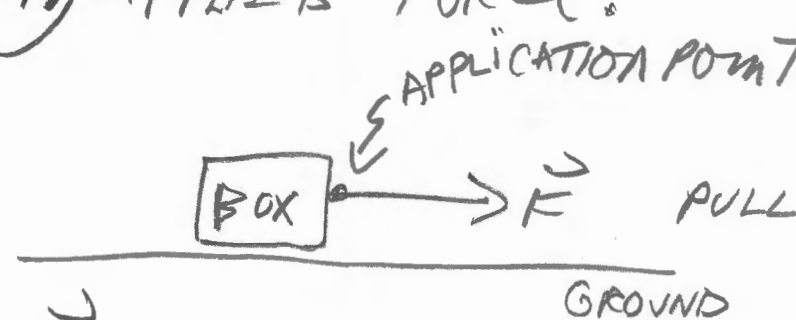
CH4, CH1; NOTES: CH4 is sec 4.1 and 4.2
CH1 is sec 1.7 and 1.8
sec. 1.1

Force is a push or pull.

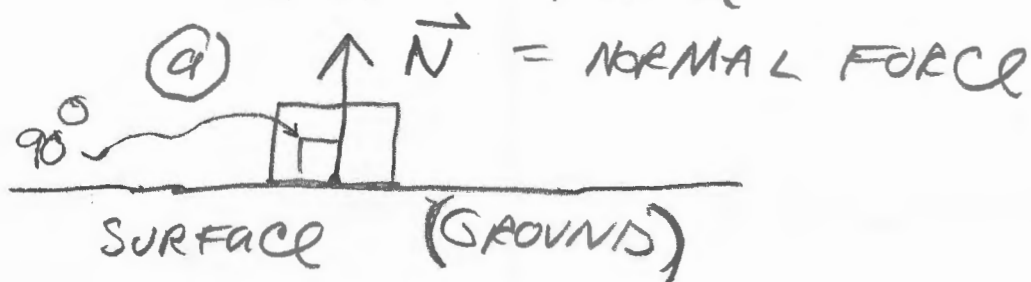
Magnitude and direction aka vector.

types of forces:

(1) APPLIED FORCE.

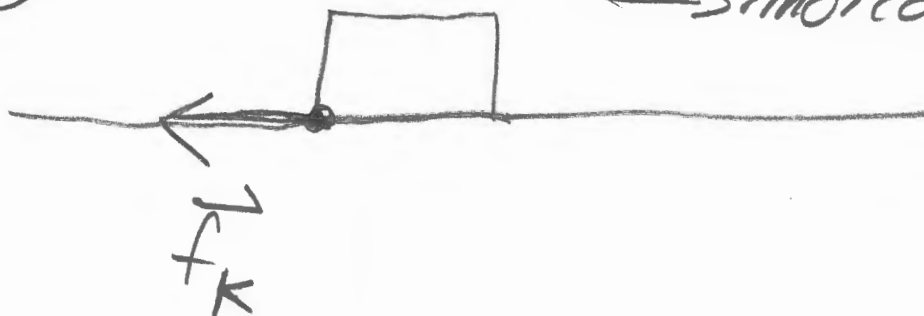


(2) CONTACT FORCE

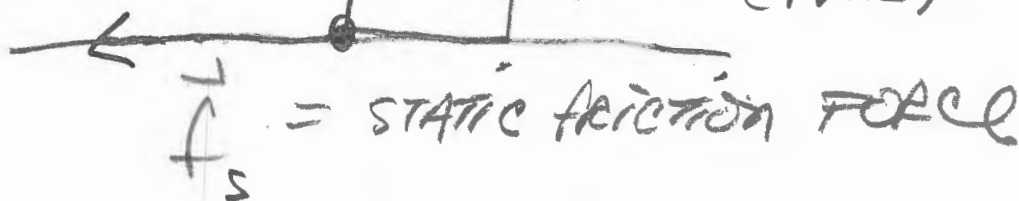


(2.) CONTACT FORCES (continued)

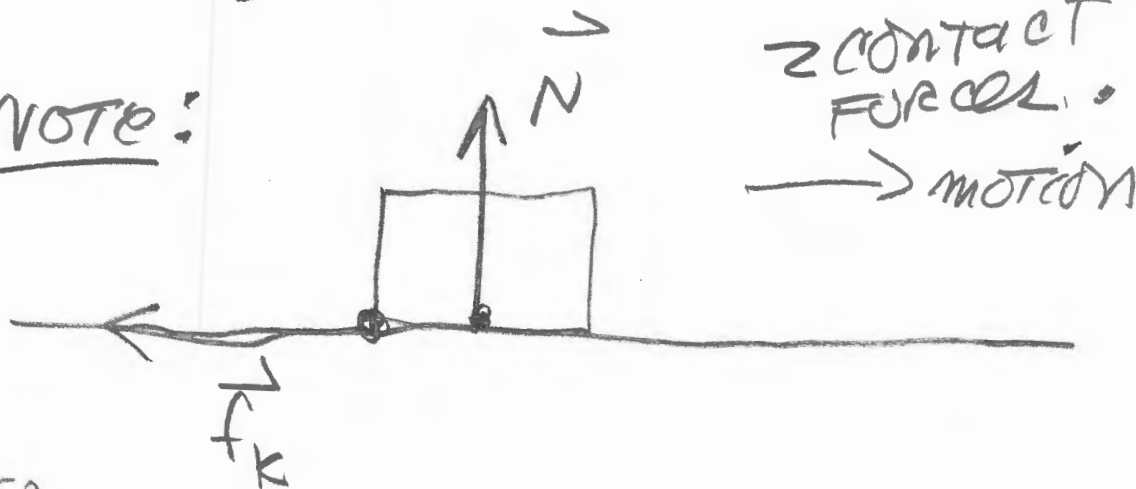
(b) FRICTION (KINETIC) → MOTION



(c) (at rest) $\vec{F}$ (PULL)



NOTE:



(3.) TENSION FORCE due to a string or cable

(SLACK) $\vec{T} = 0$

