Quiz on Tuesday - Statics : Force Table "sitch" Lab Write-up dre TUESDAY ->UHY
->Use forces, not masses Sot it night? Let me Know; not much error analysis AN APPLICATION OF STATICS: PULLEYS Two Assumptions: Two Assumptions: The principles of pulkys

- Pulleys ARE

- milling techniques

- principles of pulkys - Multiple FBD's - MASSLESS -FRICTIONLESS

TWO THINGS YOU NEED TO KNOW:

1) THE TENSION ACTING ON
ONE SIDE OF THE PULLEY TO
EQUALS THE TENSION ON THE OTHER SIDE.

- 2) Rules of Statics
  APPLY

  SFg = 0

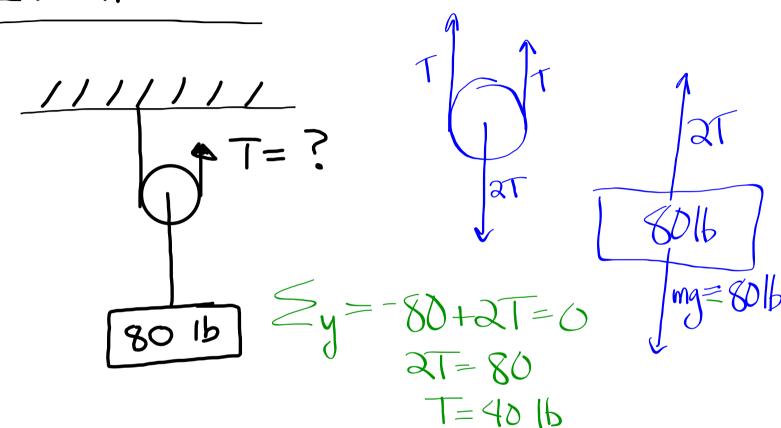
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  3) Tension along any one

  Tope, cable, string, etc. is always
  the same and acts in both directions

Example 1



EXAMPLE 2 TI = -15N + 2T = 0 = 7.5N

