1/18/2021-30130 Video on Fibers a) How one the fibers categorized compared weight (02/yd2) · Cloth · Strand arection · Mat ·Roving · Weare · fiber composition Knytex * Keavier = Stronger 16) Fiber direction/orientation isotropic strength anisotropic strength ta) Recommend ratio A 35% resin content target generally yields the best balance of mechanical performance & acsthetic quality. Use a 60/40 ratio by weight, which will allow for usage loss factor and insure < 40% resincontents Greafer thom 40% resin content lammants yield lower mechanical performance

2h) Equation: (fw/60%) × (40%) = rn

fablic weight resin needed

2c) Reason for differations 22%-27/ Structural slower resin content higher mech. performance · Aesthetic require higher regin content (37/1-45%) for gloss & Smuothness 40