Capillary action Surface tension of + density 1 Finding an expression for h, the height at which a liquid will rise to enside of an open tube placed in contact with the surface of a liquid Opposing forces: Force due to gravity and force due to Surface tension Force due to gravity: mg = P x Tr2h x9 Force due to surface lesson: YL cose = 8 cose + 2 Tr · Pxr hg = 2xx cose 8