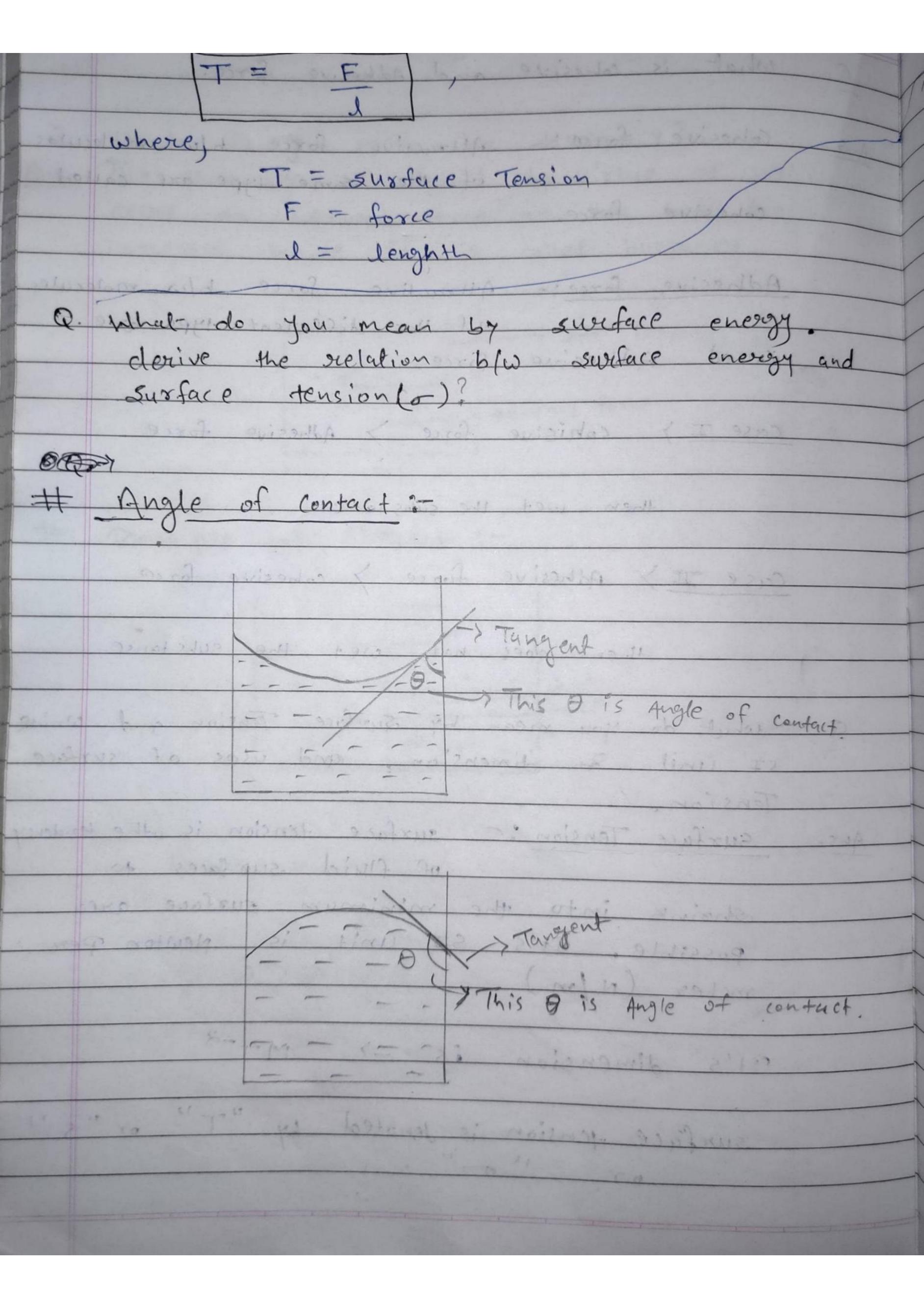
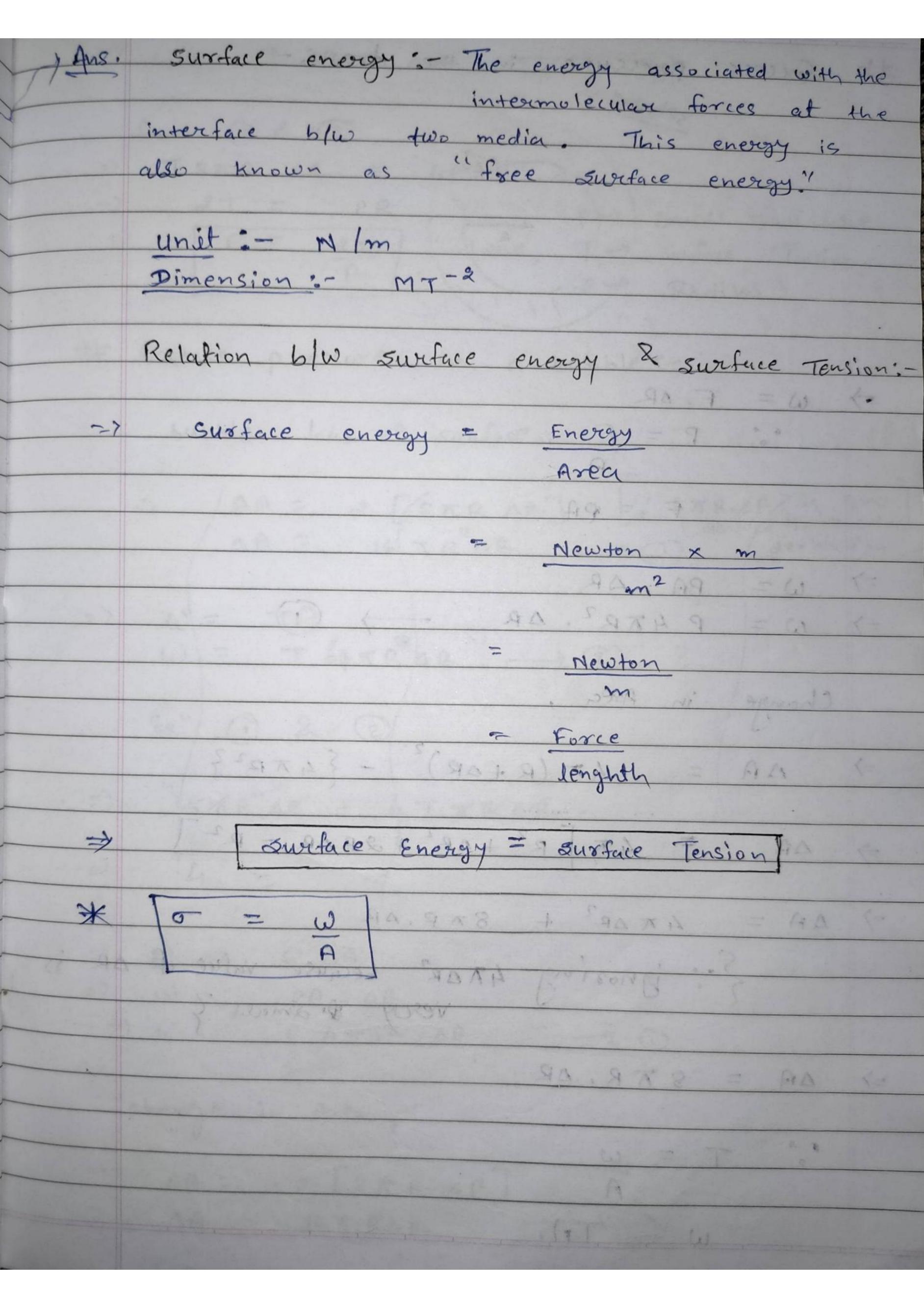
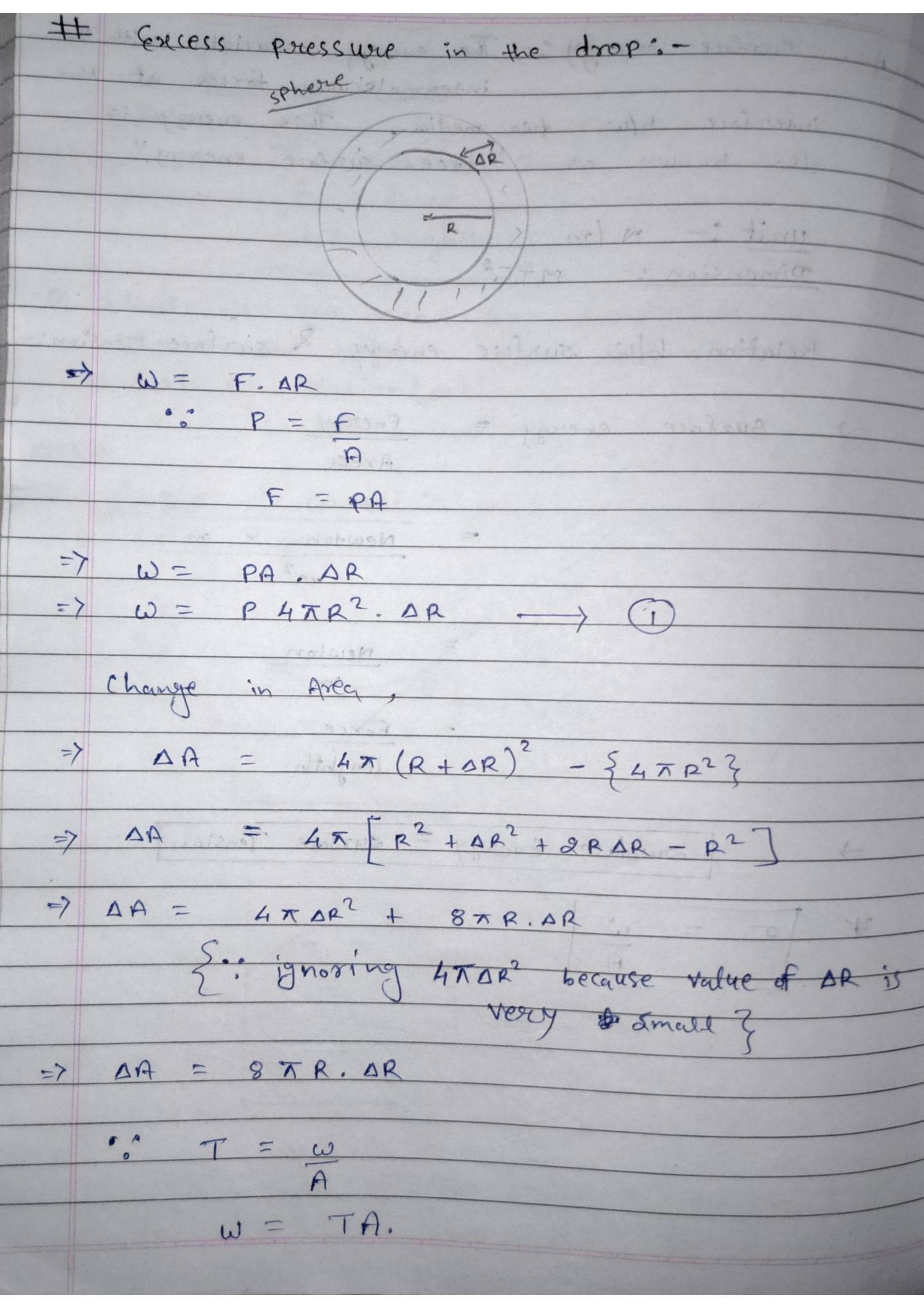
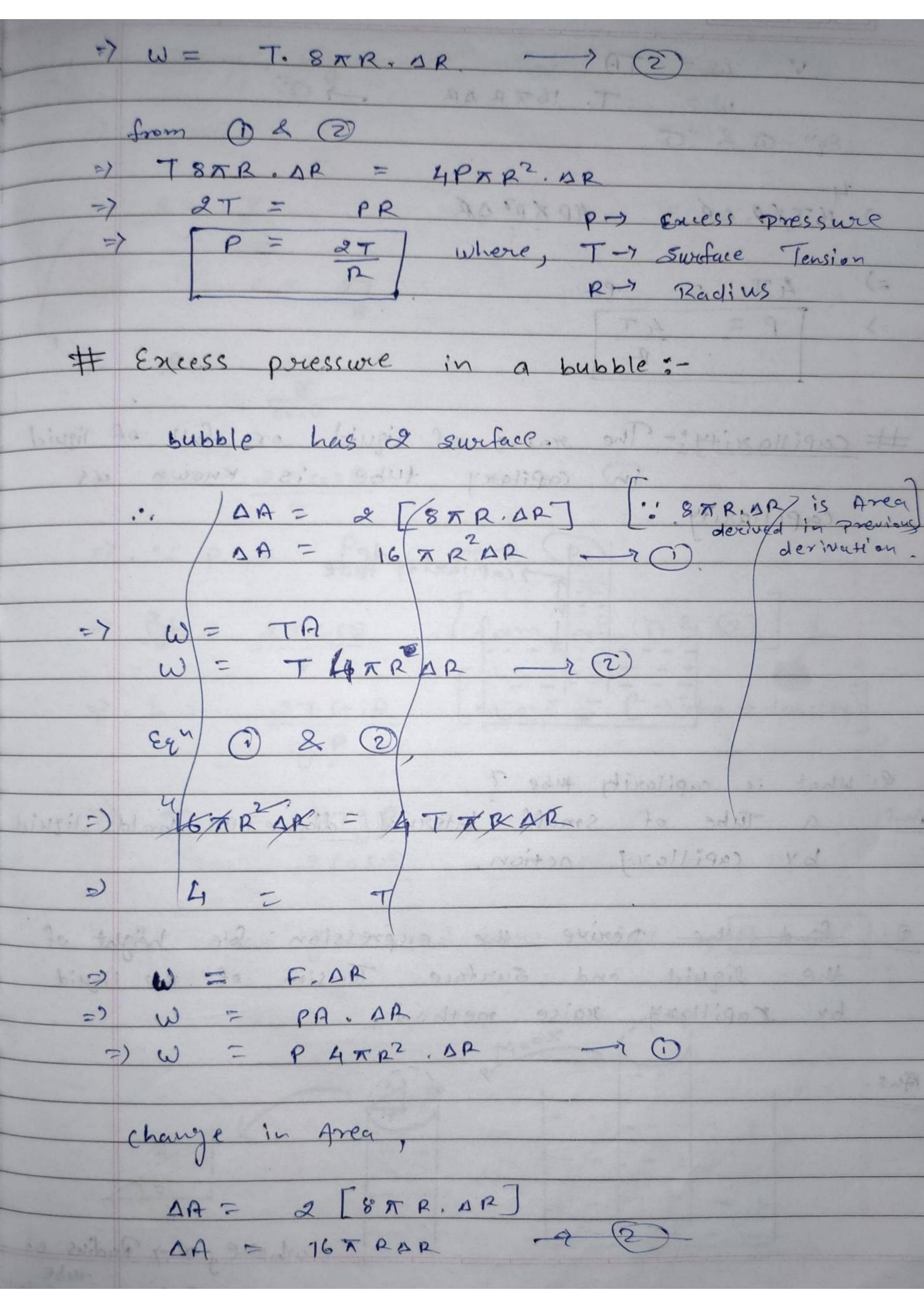


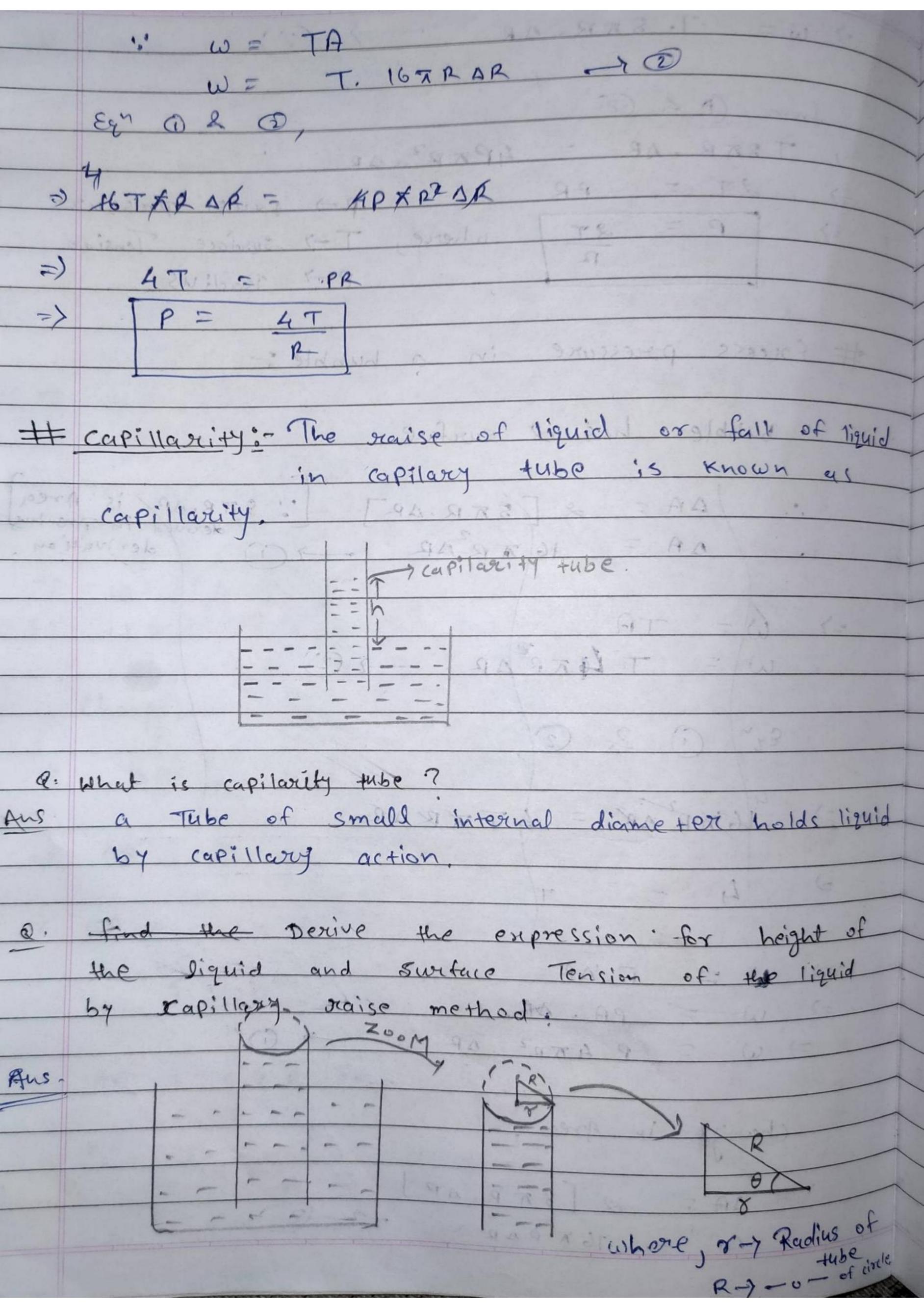
Q.	what is cohesive and Adhesive force.
Aus,	Cohesive force: - Attractive force blw molecules
	of the same type are called
	cohesive force.
	17,3,000 1
	Adhesive force: - Attractive force b/w molecules
	of the different type one
bino	Called Adhesive force.
	(-1 voissolt 9 solves
	case I) cohisive force > Adhesive force.
	then wet the substance.
	case II) Adhesive force > cohesive force
	then does not wet the substance
Q.	what do you mean by Eweface Tension and write
	SI unit & dimension, and uses of surface
	Tension.
Ans.	Surface Tension: surface tension is the tendency
	of fluid surfaces to
	Shrink into the minimum surface area
	Possible It's SI Unit is Newton Dog
	meter (N/m)
	It's dimension is -> MT-2
	surface tension is denoted by "T" or "5"
	0 Y 11 0",

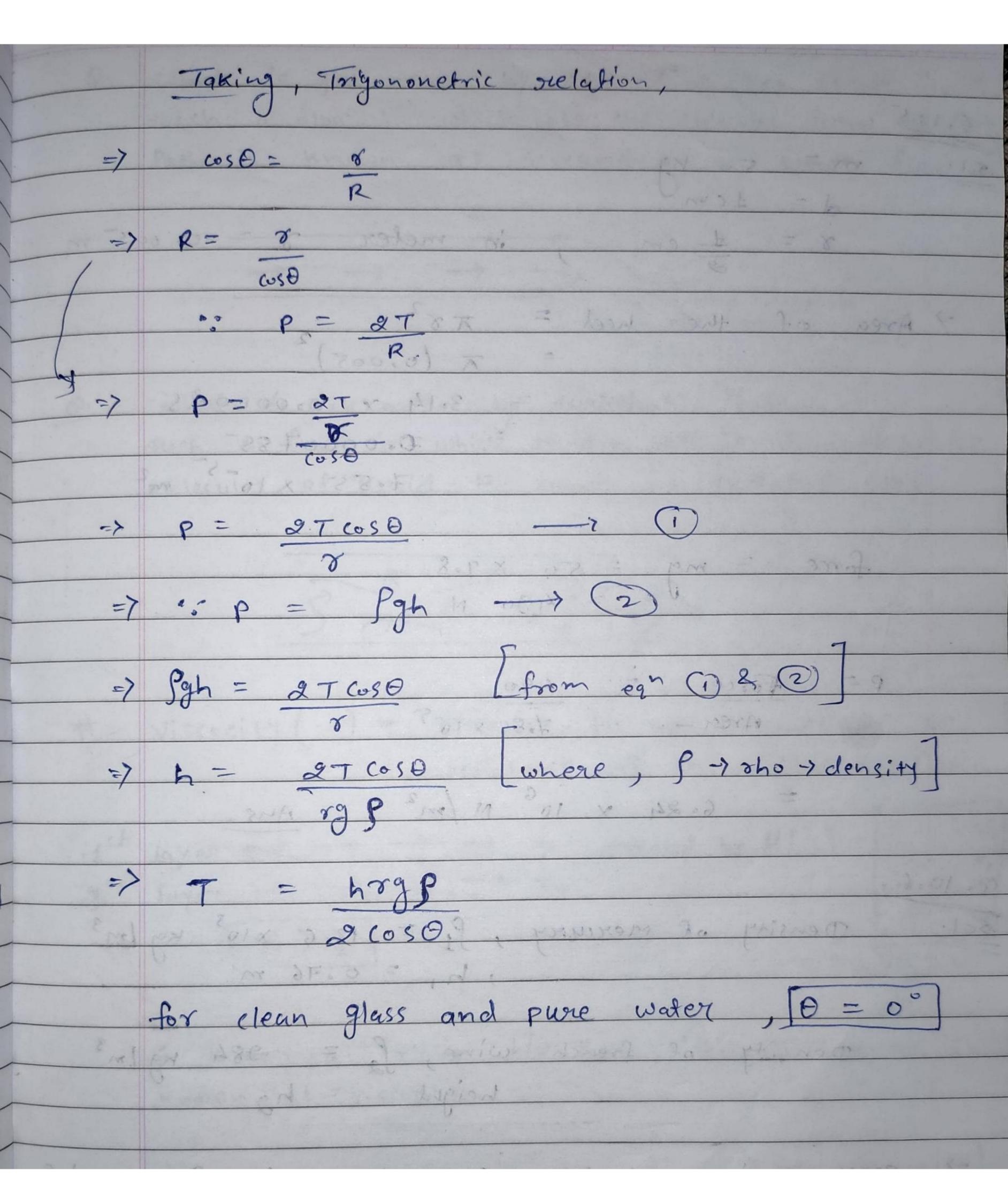




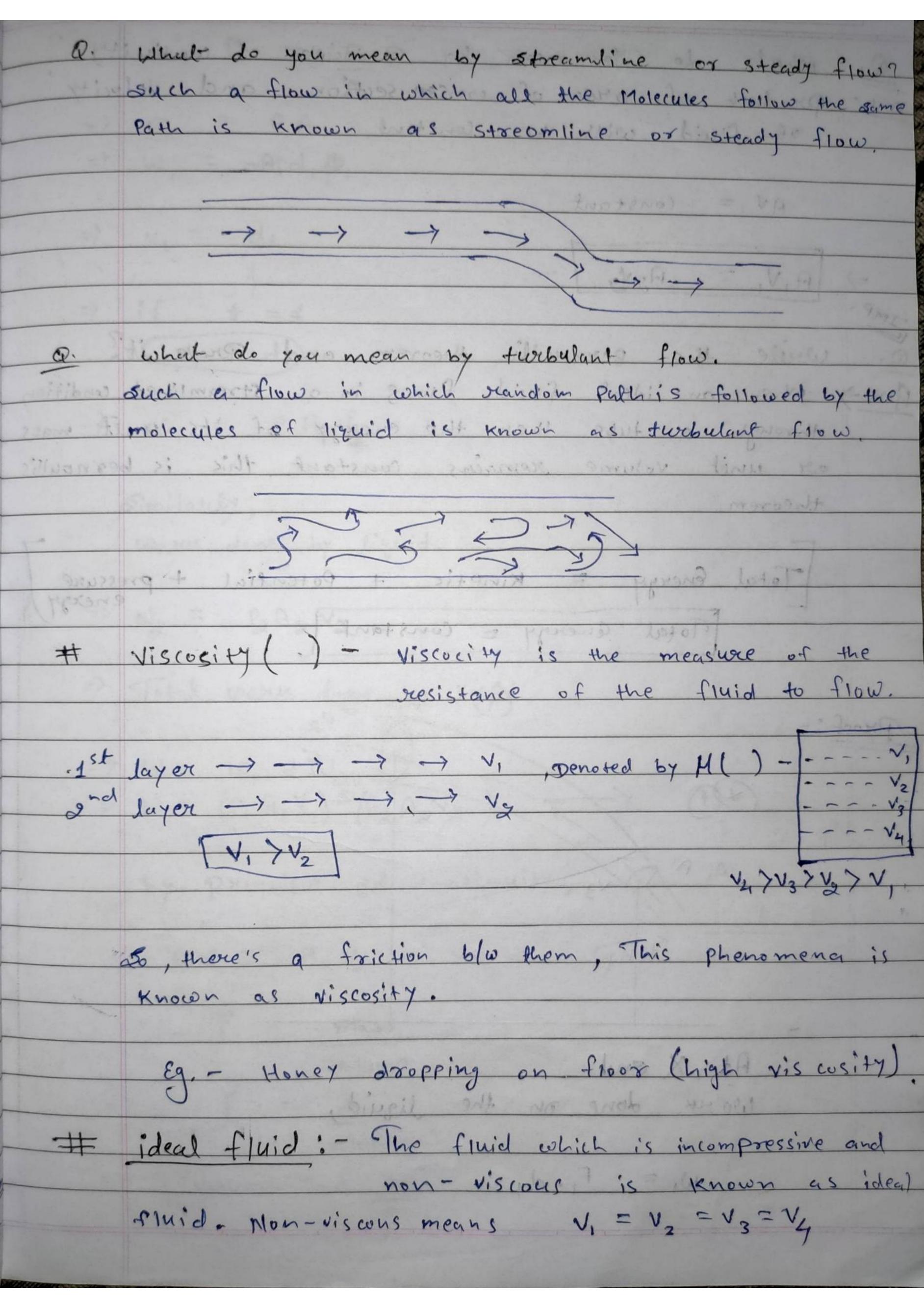








wilder son son Annie wifer Q. 10.5 1cm in meter x = 00 005 m ± cm X 8 2 the heel = => Area of x (0.005) = 3.14 x 0.000025 D.0000785 7.85 × 10 -5 m2 020176 = 9 = 50 x 9.8 - 490 N N force P= Force = 490 Area 7.85 × 10-5 = 6.24 × 10 M/m² 9 Aug 91000 Q. 10.6. Bol. Density of Mercury, fi = 13.6 × 103 kg/m3 , h, = 0.76 m. The of soften acting been made waste vol. Density of french wine, &= 984 kg/m3 height = hg = pressure in french wing. pressure in mercury ghy = Shay = 13.6 × 103 × 0.76 = 10.5 m hg = Sihi 984



Que what do you mean by principle of continity? Ans product of area of crossse section and velocity of fluid will be constant AV = constant write the Bernoulli theorem and Prove it? Ansing when an ideal fluid flows in a streamlined undition through a tube then the energy of its unit mass or unit volume remains constant, this is begnoullis theorem. Total Energy Kinetic + Potential + pressure Total anergy = constant Proof: -1 H vd bostower VALVE WO, PI At X end work done on the liquid, anisometrical di di des locuità anti- - 3 la inti-W, = F, dy VENTER MOST VERNER LANDSIN - NOTA LEINTE

