Dyla Black ECON23/6 Warmp

Price Discrimination + Tariffs Note: N=TR-TC = TR-DC-K

= PS-FC

Lectre 19:

Inver Dems: P= 150-10Q Marghel Cost: MC=5Q Total Cost: TC=50+7.5Q2

a) Uniform prizzy monopolist TR = PQ = (150-10Q)(Q) = 1500 - 1002

Hil = 150 - 20Q 150-200=50 250=150=> Q=6, P=90

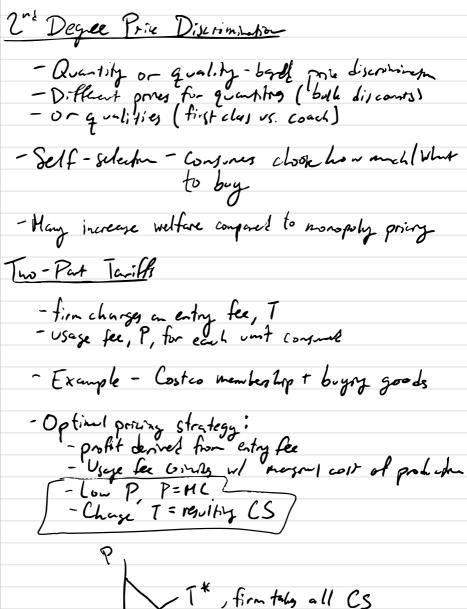
PS=P*Q-VC=90(6)-2.5(6)=450 7=B-FC=450-50=400

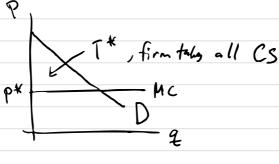
b) Ist Legree price disconvintem

MR = 150-10Q 150-100=50 ⇒ Q=10, P:1 vereble, long prove is MC=52 150 PS = = (150) (10)

= 750 /FC D=HR. 17=750-50=700 Prache Queten 2 2 Grags: P=100-29, HRA=100-49A P=60-29B; HRB=60-49B MC = 20 TC = 20g 100 for 3 depen PD: 1.0 HC = 20 MILA = MRB = MC 9 = 20, 9 = 10 (call: TC = 202 T(=20(9+4n) P = 60 PB = 40 M=TR-TC=(TRA+TRB)-ITCA+TCA) = (PA 4A + PB 4B) - (204 A + 204 B) = (60.20+40.10) - (20.20+20.10) = (1200+400) - (400 + 200) = 1000 Fit I maks demil: P=100-291/P=60-29B

First marks derived: P = 100 - 24A, P = 60 - 24B P - 100 = -24A, P - 60 = -24B 4 = -0.5P + 50 28 = 0.5P + 30 28 = 0.5P + 30





Example:

$$P = MC = 2$$

$$CS = T = \frac{1}{2} (18)(18)$$

$$= (9)(18) = 162$$

