

R (q) = P (q) 4 50. $\frac{dP(q)}{dq} = P(q) + \frac{dP(q)}{dq}$ MR (9) = P(9) - d9 this is iss the demand corre there for Begavie the demand cove is downward stopy (unless there is perfect compension because of the Law of Demand, dP(9) < 0. therefore, at any give 9, MR is going to be of P19) 9 1855 than the demand functions

1 2 therefore, by Iva Below the demand function this also makes sense, if the rite. Firm Increases its ourps with 7 it gasts Mi revenue From that unix (the p(g) tem 1 in MR But reds Because it has to low its price it loses the difference in Price (the deg) q texas C $B. \qquad E = \frac{d \cdot q}{d \cdot r} \cdot \frac{p}{q}$ So Be cause MR = p dp q = P + P. dp 9 - P + P dq P 6 $P\left(1+\frac{1}{\epsilon}\right)$ Becare when the Firm is opening $MC = PC + \frac{1}{E}$ P = Mc

No there is no free entry and exit 0 CIT IT a mano Poly) 50 Prof/15 de 盡 not have to be 6. therefore, Because P = Ac does not have to 0 Be tree, production does not have to 型 Be at the minimum average cost. 量 6 6 Because a monoPoly would be a Phice 1. higher than its MC consiners Bug loss wif 0 the good the in a comperitue mather leading to a DWL. Dee Fill the 2 DTL 0 nis (1917) (VC the Grante ? Between the Mannottes Octor See groth. MR7 = P(7) + P(4) 4, = 72 - 37, -372 \$ -37, = 72 - 67, -372 Firm is trying to optimize, so: MR, = MC 72-64,-342 = 12







