

R (q) = P (q) 4 50 $\frac{dP(q)}{dq} = P(q) + \frac{dP(q)}{dq}$ $MR(q) = P(q) \cdot \frac{\Lambda q}{dq}$ this is iss the demand corre there for Begavie the demand curve is downward stoping (unless there is perfect company

1 Law of Demand, delay a contract,
at any give a day

1 MR is going to Be d P19) 9 1855 than the demand functions

2 therefore, by Iva Below the demand E. C. Function this also makes sense, if the li i Firm Increases its output with 7 , it gains revenue From that unix (the p(g) tem M 1 / in MR) But vedes Because it has to love Price (the defa) of terrain T E = dg g on all units sold C So Be cause MR = p dp q = P + P. dp 9 = P + P d9 P $p\left(1+\frac{1}{\varepsilon}\right)V$ when the Firm is opening $M \subset = b \left(\frac{1}{2} + \frac{\epsilon}{1} \right)$ P = nc / > Comment. In words what ober this meen about the relationship between part ??

(./No) thee 15 no free entry and exit 0 V/C'+ 15 ~ mano Poly) 50 Prof/15 do not have to be 5. therefore, Because P = Ac does not have to 1 Be have, production does not have to Be at the minimum average cent. 显 d. Because a monoPoly would set a Phice higher than its MC consiners Buy loss wif 0 the good the in a comperitue matther leading the a DNL the Fill the Zate 2 DTL m (1) (Ic the Griente Respueer the Mannototies TATE OF THE PARTY Bit what i'it? (1) It is the surplus lost on the forge units 0 MR7 = P(7) + P(4) 4, = 72 - 37, -372 \$ -37, (MR, = MC 72-64,-342 = 12







