

is stmilar to 22; do it own your own) Jan, 21, 2025. 2. a) Absolute advantage: 400-d chesse: france "wine : Frank -> France takes fewer hows to produce both cheese and where. Spain has a comparative advantage in cheese, with 1 4110 of cheese custs 6/12 = 0.5 a bottle of witne in France 1 Hills of chesse costs 4/6 = 0.66 a pottle of wine. Therefore, France has a comparative advantage in wine; in france a bottle of wine costs 6/4=1.5 kg of chese, while in spain 12/6= 2 kg of chust. 12), be cause specialization will in orace the value of production and of consumption in spain. It is also in francis interest to trade with spain, since spain has a comparative advantage un producing cheese. under aurancy (no trade) France can exchange one bottle of wine 4. for 3/2 Kilo of cheese. Spain can exchange one bottle of wine for 2 Will of cheese. Thursfore any value of KE (3/2/2) would make both Spain and France better off. 3 par

1. a. suppose a LQ: The FOC is

p= 2 q

q = p12 ; since q 12, p < 4

Now, suppose Q7,2. The foc is

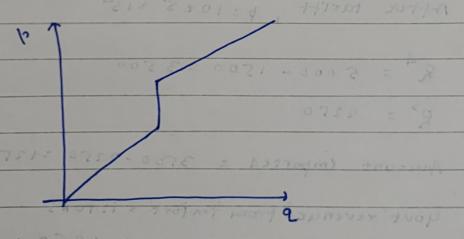
p=29+1

Q" = (p=1) | 2. This assume 97,21 p7,5

for peru, 5], the firm does not want to produce more than

q=2 at Mc=2q+1. It also does not want to produce was than

q=2 at Mc=2q - Henry the firm will produce q=2, when peru,



b. suppose q < 2. Foc

p 2 2 q

9 (p) = p 12 . since q < 2, p < 4

suppose 2>,2. Foc

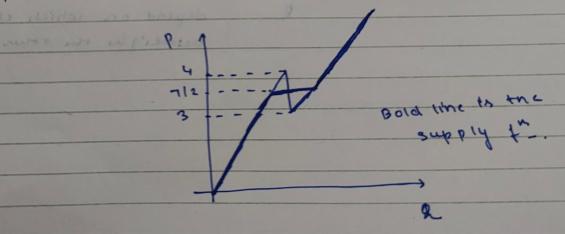
p= 29-1

a (p) = (p+1)/2 - sinu, 2>,2, b>,3

for be [3,4], we have two locally optimal solutions. to see which is the global optimum, we can calculate probits. It & quellip)=P/2
then profit equan

It QM(b)= b+1, then protit equals

comparing (1) and (11), we see that optimal suppry is of (p12) 2



3. a. 2 = 5000 - 100p

market equi (permand = supply)

5000 - 100p = 150p

5000 = 250 p

p= 20 ; Q= 3000

b. Now, with import, p = 10

gd = 5000 - 1000

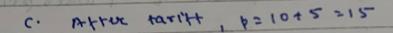
= 4000

Domestic = Qs = 1500

at \$ = 10

Amount imported = 4000-1500

= 2500



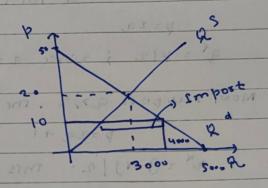
Rd = 5000- 1500 = 3500

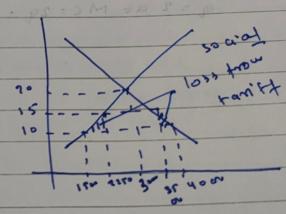
Dz = 3520

Amount imported = 3500-2250 = 1250

yout revenue from imfort = 12 TOX5

= 6250





4. 2016 16 18 6 18 18 1 ED C 9, 2, (p, 1011) 2 · 51 (1+9) = (9) 5 For peta, we have two locally options solut 15 MD SON, MUNICIPAL PROPERTY OF BE MASINON Q 2 = (*B) = *B9 = 11 It dull bis pti twen beath edron (Demand decreases A supply in ours Pria will fall but Quantity change will depend on which effect active ight the other.