

⑥ (a)  $x_1(p_1, w) = \frac{w}{2p_1}$        $x_2(p_2, w) = \frac{w}{2p_2}$

(b)

□

$p_1 = p_2 = 1$        $x_1 = 5$   
 $w = 10$        $x_2 = 5$

$p_1' = 0,5$        $x_1' = 10$   
 $p_2 = 1$        $x_2' = 5$   
 $w = 10$

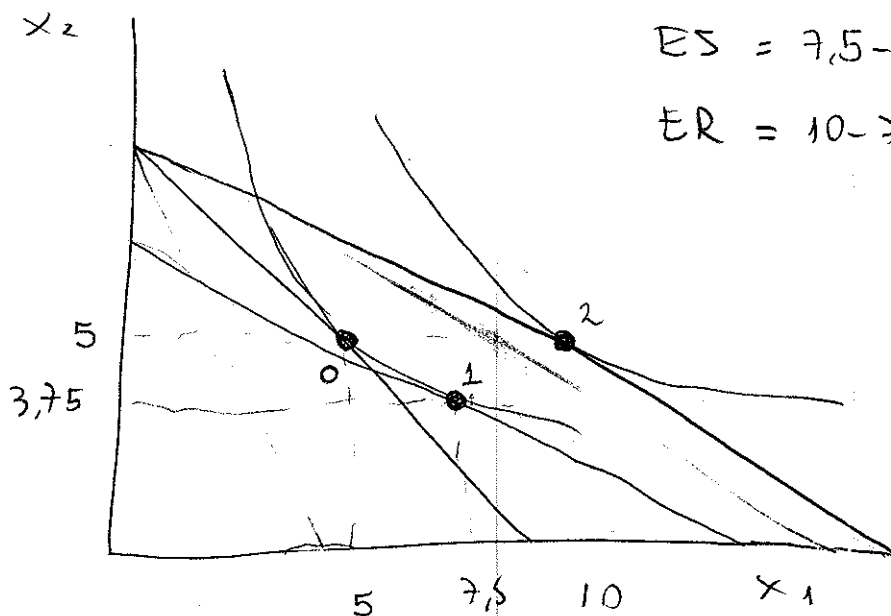
(c)  $p_1' x_1 + p_2 x_2 \equiv w' = 0,5 \cdot 10 + 1 \cdot 5 = 7,5$

$\Delta w = w' - w = 7,5 - 10 = -2,5$

$x_1(p_1', w') = \frac{7,5}{2 \cdot 0,5} = 7,5$

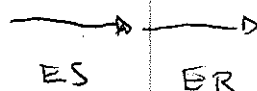
$x_2(p_2, w') = \frac{7,5}{2} = 3,75$

(d)



$ES = 7,5 - 5 = 2,5$

$ER = 10 - 7,5 = 2,5$



- 7 (a) ✓  
 (b) ✓  
 (c) F

8 (a) F  
 (b) F  
 (c) ✓  
 (d) F  
 (e) F

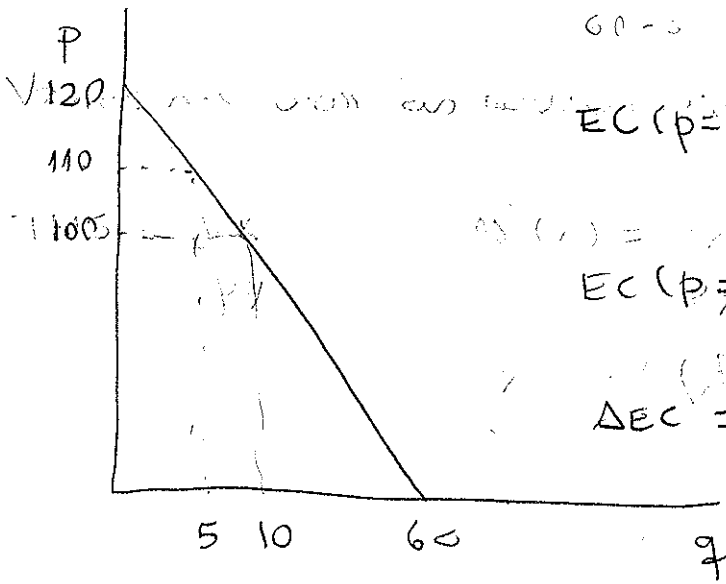
$$\frac{\partial X_1}{\partial p_2} = \frac{\partial h_1}{\partial p_2} - \frac{\partial X_1}{\partial W} \times 1$$

$$\frac{\partial X_2}{\partial p_2} = \frac{\partial h_2}{\partial p_2} - \frac{\partial X_2}{\partial W} \times 2$$

$\Delta p_2 < 0$

9 Wert p. 275, da Variam

10  $p \times 1 + 2 \times 10 = 110$



$EC(p=110) = \frac{5 \cdot 10}{2} = 25$

$EC(p=100) = \frac{10 \cdot 20}{2} = 100$

$\Delta EC = 75$

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