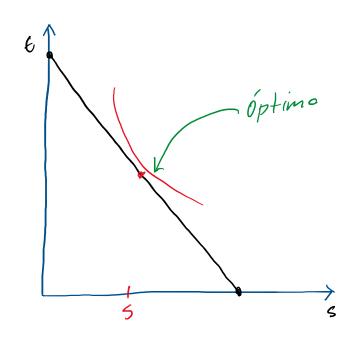


$$TMT = \frac{-3}{6} = -\frac{1}{2}$$

500 = 505 + 50T # Sacar los resptes



$$U(s,t) = 2St$$

$$U(S',t) = t$$

$$U(S, \epsilon^1) = S$$

$$TMS = 2 = -\frac{T}{S}$$

$$-\frac{7}{5} = -1$$

Sustituir en RP

4)
$$U(A,B) = A^{0.2}B^{0.8}$$

 $U(A',B) = \frac{1}{5}A^{\frac{4}{5}} \cdot B^{\frac{4}{5}}$
 $U(A,B) = A^{\frac{1}{5}}A^{\frac{4}{5}} \cdot B^{\frac{4}{5}}$

Restricción Presupuestaria

#TMS

$$\frac{UM_{A}}{UM_{B}} = \frac{0.7 \text{ Å}^{-0.8} \cdot B^{0.8}}{A^{0.2} \cdot 0.8 B^{-0.2}} = \frac{9.2}{4(0.2)} \cdot \frac{1}{A^{0.8} \cdot A^{0.2}} \cdot B^{0.8} \cdot B^{0.2} = \frac{1}{4} \cdot \frac{1}{A} \cdot B = \frac{B}{4A}$$

TMT

$$-\frac{P_{A}}{P_{B}} = -\frac{500}{1,000} = -2$$

$$-2 = B$$
 $4A$

$$-2.4 = \frac{B}{A}$$

$$10,000 = A$$