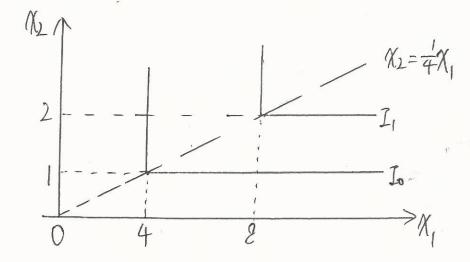
Lab 2 - Arsners for ECON-2101-001

MD

(· a)



- leifed Complements

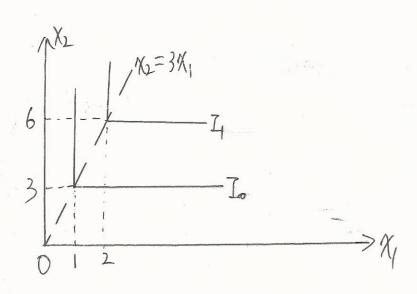
- key words: with

-4 /1 with 1 /2

=> 1/2= 4/X1

U=min { X1, 4/2}

6)



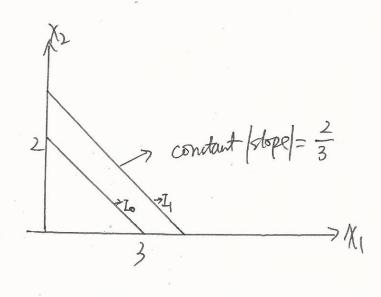
- Perfect Complements

- 1 X1 with 3 1/2

=> 1/2=31/1

U=122 3/1, 1/2 }

C).



- Perfect Substitutes

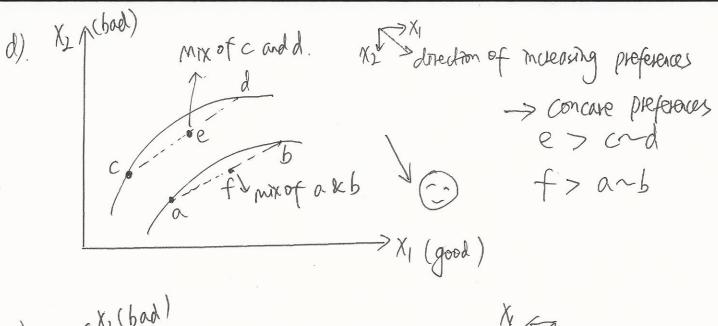
-tey words:

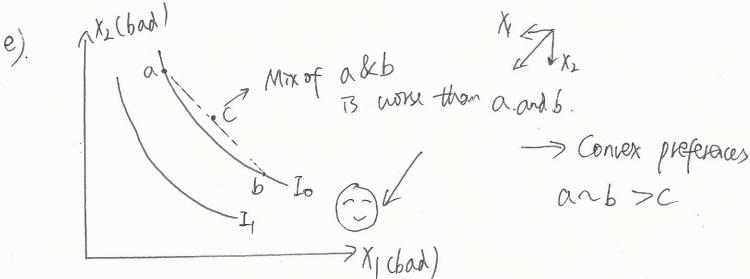
sacrifice ... for ...

-39/1 for 2/2

 \Rightarrow constant $|MRS| = \frac{2}{3}$

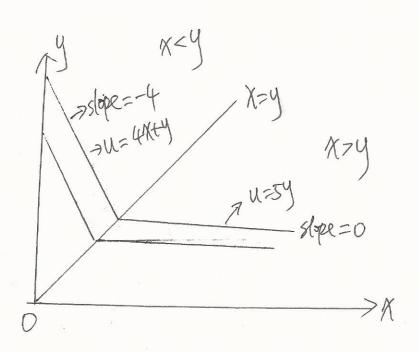
U= 21/1+3/2





2. a).
$$10^{1/2}$$
8 - $10^{1/2}$
MRS(8,8)=1
5 4 7

b) MRS(0,4) =
$$\frac{0}{8}$$
 = 0
MRS(4,5) = $\frac{4}{8}$ = $\frac{1}{2}$ | muleosing
MRS(8,8) = $\frac{8}{8}$ = | MRS(16,20) = $\frac{16}{8}$ = 2



$$MRS_{X,y} = \frac{y}{x} = \frac{8}{2} = \frac{4}{1}$$