

## HW#1 Due January 18, 2022

HW: From the table given in the previous example,

Choice	Value	Opportunity Cost
A	100	70 (B)
B	70	100 (A)
C	50	100 (A)

if the decision maker can choose 2 out of 3 choices, fill in the following table

Choice	Value	Opportunity Cost
A+B	170	A+C = 150
A+C	150	A+B = 170
B+C	120	A+B = 170

Show that the decision to maximize value will give the same decision as the one to minimize opportunity cost.

Choice 1 : A+B  $\begin{cases} \rightarrow \text{maximize} = 170 \\ \rightarrow \text{minimize} = 150 \end{cases}$