

## Sequential Play

- say Mindy plays **before** Max
- if Mindy chooses **P** then Max will pick **Q** to maximize  $M(P, Q) \Rightarrow$  loss will be

$$L(P) \equiv \max_Q M(P, Q)$$

- so Mindy should pick **P** to minimize  $L(P)$   
 $\Rightarrow$  loss will be

$$\min_P L(P) = \min_P \max_Q M(P, Q)$$

- similarly, if **Max** plays first, loss will be

$$\max_Q \min_P M(P, Q)$$