

Knapsack

perm \square
foam \square
budget
Herning \rightarrow Knapsack

knapsack \rightarrow All Knapsack

Outputs

Maximize profit

Constraints

Knapsack

All items get half discount

1 buyer paid bought

by \rightarrow 1 buyer

Budget - cost \square

paid bought = true

Budget - paid bought = 0

②

③

④

⑤

Knapsack

$O(2^n)$

Knapsack

$O(2^n)$