***416. Partition Equal subset sum***

It is like 0/1 knapsack problem.

Generally solved with O(N\*N) space, but can be brought down to O(2\*N) and O(N) space too.

***So, in which situation 2 dimensional DP can be dropped to 1 dimension? Is there any principle or regular pattern?***

**Link to answer:** [***here***](https://leetcode.com/problems/partition-equal-subset-sum/discuss/90592/01-knapsack-detailed-explanation/241664)