Find all possible combinations of ***k*** numbers that add up to a number ***n***, given that only numbers from 1 to 9 can be used and each combination should be a unique set of numbers.

**Note:**

* All numbers will be positive integers.
* The solution set must not contain duplicate combinations.

**Example 1:**

**Input:** ***k*** = 3, ***n*** = 7

**Output:** [[1,2,4]]

**Example 2:**

**Input:** ***k*** = 3, ***n*** = 9

**Output:** [[1,2,6], [1,3,5], [2,3,4]]