1064 – Throwing Dice

n common cubic dice are thrown. What is the probability that the sum of all thrown dice is at least **x**?

Input

Input starts with an integer **T (≤ 200)**, denoting the number of test cases.

Each test case contains two integers **n (1 ≤ n < 25)** and **x (0 ≤ x < 150)**. The meanings of **n** and **x** are given in the problem statement.

Output

For each case, output the case number and the probability in **'p/q'** form where **p** and **q** are relatively prime. If **q** equals **1** then print **p** only.

Sample Input	Output for Sample Input
7 3 9 1 7 24 24 15 76 24 143 23 81 7 38	Case 1: 20/27 Case 2: 0 Case 3: 1 Case 4: 11703055/78364164096 Case 5: 25/4738381338321616896 Case 6: 1/2 Case 7: 55/46656