

Question 01.

Given Multinomial(20, 0.3, 0.4, 0.1):

=> $p_1 = 0.3$, $p_2 = 0.4$, $p_3 = 0.1$

=> We should add other component so that the total probability = 1

=> $p_4 = 1 - 0.8 = 0.2$

There are 4 cells in Multinomial(20, 0.3, 0.4, 0.1).