

20053722
Student Number

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Name

- 3.
- i. Finding the joint pmf of (X_1, X_2, X_3, X_4) , $p(x_1, x_2, x_3, x_4)$.
 - ii. Finding the pmf of X , $p_X(x)$, where X can be interpreted as the number of balls placed into their corresponding box.
 - iii. Finding $E[X]$.