



## MITx: 6.041x Introduction to Probability - The Science of Uncertainty



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**Lec. 4: Counting**

Exercises 4 due Feb 24, 2016 at 23:59 UTC

**Solved problems****Problem Set 3**

Problem Set 3 due Feb 24, 2016 at 23:59 UTC

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**Problem 3: Splitting students into 3 classes**

(2/2 points)

A group of 90 students is to be split at random into 3 classes of equal size. All partitions are equally likely. Joe and Jane are members of the 90-student group. Find the probability that Joe and Jane end up in the same class. **Note:** Your answer should be a number. Do not enter '!' or combinations in your answer.

0.3333333

*You have used 2 of 2 submissions***DISCUSSION**

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