

#07 SA Permutations& Combinations

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Total points	5/	5	?					

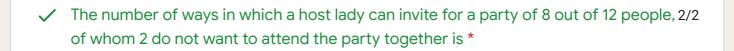










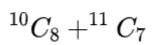


$$2 imes{}^{11}C_7+{}^{10}C_8$$

Option 1

$$^{12}C_8 - ^{10}C_6$$

Option 3

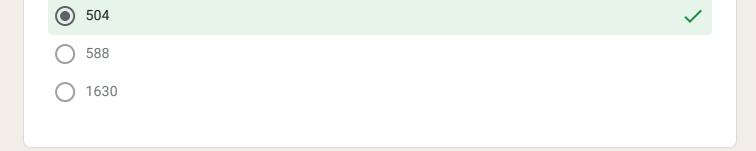


Option 2

Feedback

The total number of ways in which 8 persons can be invited out of 12 people without restriction = C(12,8). The total number of ways in which the two particular persons will always be included = C(10,6). Hence, the required number of ways = C(12,8) - C(10,6)

✓ A committee of 7 is to be formed from 9 boys and 4 girls. In how many ways can this be done when the committee consists of exactly three girls? *



This form was created inside of Sanskriti School.

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