C12 - 11.4 - @βC 123 nPr, n!, nCr Notes

Write all solutions, and solve using factorials, combinations, and permutations

How many ways can you arrange the letters DEF with no repeats?

How many ways can you arrange the letters DEF with no restrictions (repeats allowed)?

How many ways can you arrange the letters DEF two at a time with no repeats?

How many ways can you arrange the letters DEF two at a time with no restrictions (repeats allowed)?

How many ways you arrange the digits 123 with no repeats?

How many ways can arrange the digits 123 with no restrictions (repeats allowed)?

How many ways can you arrange the digits 123 two at a time with no repeats?

How many ways can you arrange the digits 123 two at a time with no restrictions (repeats allowed)?