Sample Solution

Binomial Coefficient

Prof Hans Georg Schaathun

Høgskolen i Ålesund

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Lotto

Exercise

What is the probability of getting 7 correct numbers in a lotto ticket (playing one row only)?

The draw selects 7 random numbers out of a pool of 34 numbers. You need to start by calculating the number of possible 7-sets that can be drawn.

Mathematical formulation

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Solution

The number of k-sets in an i's given by the Brhowing 34.38.86.31.30.29.28 (37) = 7127! -=34.11.16.31.19 25.38.106