Exercise: Combinatorial Proofs

- **วิชชาภัทร จินดานาถ** previously submitted answers to this quiz/test on 25-Oct-2023 @ 04:28:42 and obtained **1** correct answer out of **1** .
- This test/quiz can be taken many times.
- Correct answers will NOT be revealed after submission.

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1 Given $\sum_{k=0}^{n} C_{n,k} = 2^n$, Which of the following problems can prove that this equation is true?

From previous attempt

The number of all subsets of set A, when set A has n elements

The number of all subsets of k elements

The number of all subsets of A ∪ B when A ∩ B = ∅

The number of bit strings whose length n + 1 and contains r + 1 ones.

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Previous (?q=onlinecourse/theatre/27041/GLx6pKyapRP4VxetvIwo) Next (?q=onlinecourse/theatre/27042/aefZEAfW3Um)

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