MTH202

Quiz no 3

2024

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Solved by


Iqra Azhar


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How many 4-bit string contain at least one “1”Select the correct option

15

P(2,2)=……

2!

How many different signals each consisting of five flags hung in a vertical line, can be formed from three identical red flags and two identical blue flags?

10

f order matters and repetition is allowed, then which counting method should be used in order to select 'k' elements from a total of 'n' elements?

k sample

P(0, 0)=_____ ?

1

A boy can choose from 5 train services and 3 bus services to go to his hometown, How many total options he can choose from?

15

C(n,0)=……..Select the correct option1Both b and cnC(n,n)

1

The value of (-3)!=_____

not define

(-2)! = _____ ?

undefine

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The factorial form of 9.8.7.6 is _____.

9!/5!

In how many ways can the letters of the word 'LEADER' be arranged?Select the correct option

360

which of the followings is the correct option for 9!/0! ?

9!

The chairs of an auditorium are to be labeled with two characters, a letter followed by a digit. Letters are a and b and numbers are 3 and 5.What is the largest number of chairs that can be labeled differently ?

4

If one event can occur in n1 ways, a second event can occur in n2 ways, a third event can occur in n3 ways, how ways in which exactly one of the events can occur?

n1+n2+n3.

A boy can choose from 5 train services and 3 bus services to go to his hometown, How many total options he can choose from?

15

If order matters and repetition is not allowed, then which counting method should be used in order to select 'k' elements from a total of 'n' elements?In how many ways can 6 people be seated on 6 available seats?

720

How many multiples of 5 are there from 10 to 75?

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Websites

Vucorner.com

WhatsApp

03235429064

Allah Hafiz

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