

Mathematical Typesetting

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The first five International Congresses of Mathematicians were held in the following cities:

Chicago	U.S.A.	1893
Zürich	Switzerland	1897
Paris	France	1900
Heidelberg	Germany	1904
Rome	Italy	1908

The group of permutations of a set of n elements has order $n!$, where $n!$, the factorial of n , is the product of all integers between 1 and n . The following table lists the values of the factorial of each integer n between 1 and 10:

n	$n!$
1	1
2	2
3	6
4	24
5	120
6	720
7	5040
8	40320
9	362880
10	3628800

Note how rapidly the value of $n!$ increases with n .