

Symbol	Name	Definition
$\{ \}$	Set	A collection of elements
\in	Membership	Object belongs to set A, set A
\cup	Union	Objects that belong to set A, set B
\cap	Intersection	Objects that belong to both A, set B
\setminus	Set Difference	Objects that belong to set A, but not to set B
\bar{A}	Complement	Objects that do not belong to set A
\emptyset	Empty Set	A set with no elements
$n(A)$	Number of Elements	The number of elements in set A
\mathbb{N}	Natural Numbers	1, 2, 3, 4, 5, ...
\mathbb{Z}	Integers	..., -2, -1, 0, 1, 2, ...
\mathbb{Q}	Rational Numbers	Fractions of integers
\mathbb{R}	Real Numbers	Numbers on the number line
\mathbb{C}	Complex Numbers	Numbers of the form $a + bi$

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Mathematics | IDOE

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Graph (discrete mathematics) - Wikipedia

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List of unsolved problems in mathematics - Wikipedia

We show that every finitely generated group G with an element of order at least $(5 \operatorname{rank}(G))^{12}$ admits a locally finite directed Cayley graph with automorphism ...

Mathematics authors/titles "new"

Symbol	Name	Definition
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\setminus	Set Difference	Objects that belong to A but not to B
\bar{A}	Complement	Objects that do not belong to A
\emptyset	Empty Set	A set with no elements
$n(A)$	Number of Elements in Set A	The count of elements in set A
$n(A \cup B)$	Number of Elements in Union of A and B	The count of elements in the union of sets A and B
$n(A \cap B)$	Number of Elements in Intersection of A and B	The count of elements in the intersection of sets A and B
$n(A \setminus B)$	Number of Elements in Set Difference of A and B	The count of elements in the set difference of A and B
$n(\bar{A})$	Number of Elements in Complement of A	The count of elements in the complement of set A
$n(\emptyset)$	Number of Elements in Empty Set	0

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Applied Mathematics and Computation - Journal - Elsevier

Georgia Department of Education Georgia Standards of Excellence Framework GSE Order of Operations and Whole Numbers – Unit 1 Mathematics GSE Unit 1: Order of Operations and Whole Numbers Richard Woods, State School Superintendent

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