

Common Sets

N	All Natural numbers = $\{1, 2, 3, 4, \dots\}$
Z	All Integers = $\{\dots, -2, -1, 0, 1, 2, \dots\}$
Z⁺	All Positive integers = $\{0, 1, 2, \dots\}$
Q	All Rational numbers
R	All real numbers
W	All whole numbers

Examples

$4 \in A$	4 is an element of A
$2 \notin A$	2 is not an element of A
$A = 5$	The size of A is 5
$CARD(A) = A$	Cardinality of A is 5
Consider: $A = \{1, 3, 8, 10, 18\}$	

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