Prelude			
LaTeX	Unicode	Output	Meaning
\{	007B	{	Open bracket
\}	007D	}	Close bracket
\where	007C		Box separator
\Delta	0394	Δ	Schema name prefix
\Xi	039E	Ξ	Schema name prefix
\theta	03B8	θ	Binding expression
\mu	03BC	μ	Definite description
\ldata	27EA	$\langle\!\langle$	Freetype left bracket
\rdata	27EB	$\rangle\!\rangle$	Freetype right bracket
\lblot	2989	$\{\!|$	Binding left bracket
\rblot	298A	$|\!\}$	Binding right bracket
\vdash	22A2	$\vdash$	Conjecture
\land	2227	$\land$	Conjunction
\lor	2228	$\lor$	Disjunction
\implies	21D2	$\Rightarrow$	Implication
\iff	21D4	$\Leftrightarrow$	Equivalence
\lnot	00AC	$\neg$	Negation
\forall	2200	$\forall$	Universal quantifier
\exists	2203	$\exists$	Existential quantifier
\in	2208	$\in$	Set membership
\spot	2981	$\bullet$	Expression separator
@	2981	$\bullet$	Expression separator
\hide	29F9	$\setminus\!\!\setminus$	Schema hiding
\project	2A21	$\upharpoonright\!\!\upharpoonright$	Schema projection
\semi	2A1F	$\fatsemi$	Schema composition
\pipe	2A20	$\gg$	Schema piping
\IF	“IF”	if	Conditional
\THEN	“THEN”	then	
\ELSE	“ELSE”	else	
\LET	“LET”	let	Let expression
\pre	“pre”	pre	Schema precondition
\function	“function”	function	Functional operators
\generic	“generic”	generic	Generic operators
\relation	“relation”	relation	Relational operators
\leftassoc	“leftassoc”	leftassoc	Left-associative
\rightassoc	“rightassoc”	rightassoc	Right-associative
\listarg	“,,”	, ,	List of arguments
\varg	“_”	_	Operator argument
\power	2119	$\mathbb{P}$	Power set
\cross	00D7	$\times$	Cross product
\arithmos	-0001D538	$\mathbb{A}$	Any number
\nat	2115	$\mathbb{N}$	Natural numbers
\alpha	03B1	α	alpha
\beta	03B2	β	beta
\gamma	03B3	γ	gamma
\delta	03B4	δ	delta
\epsilon	03B5	ϵ	epsilon
\zeta	03B6	ζ	zeta
\eta	03B7	η	eta
\iota	03B9	ι	iota
\kappa	03BA	κ	kappa
\nu	03BD	ν	nu
\xi	03BE	ξ	xi
\pi	03C0	π	pi
\rho	03C1	ρ	rho
\sigma	03C3	σ	sigma
\tau	03C4	τ	tau
upsilon	03C5	υ	upsilon
\phi	03C6	ϕ	phi
\chi	03C7	χ	chi
\psi	03C8	ψ	psi
\omega	03C9	ω	omega
\Gamma	0393	Γ	Gamma
\Theta	0398	Θ	Theta
\Lambda	039B	Λ	Lambda
\Pi	03A0	Π	Pi
\Sigma	03A3	Σ	Sigma
\Upsilon	03A5	Υ	Upsilon
\Phi	03A6	Φ	Phi
\Psi	03A8	Ψ	Psi
\Omega	03A9	Ω	Omega

Number Toolkit			
LaTeX	Unicode	Output	Meaning
succ	“succ”	*succ*	Successor function
\num	2124	$\mathbb{Z}$	Integers
\negate	002D	-	Arithmetic negation
-	“-”	$-$	Subtraction
\leq	2264	$\leq$	Less than or equal
<	“<”	$<$	Less than
\geq	2265	$\geq$	Greater than or equal
>	“<”	$>$	Greater than
\nat_1		$\mathbb{N}_1$	Strictly positive $\mathbb{N}$
*	“*”	$*$	Multiplication
\div	“div”	div	Division
\mod	“mod”	mod	Modulus

Set Toolkit			
LaTeX	Unicode	Output	Meaning
\rel	2194	$\leftrightarrow$	Relations
\fun	2192	$\rightarrow$	Total functions
\neq	2260	$\neq$	Inequality
\notin	2209	$\notin$	Non-membership
\emptyset	2205	$\varnothing$	Empty set
\subseteq	2286	$\subseteq$	Subset relation
\subset	2282	$\subset$	Proper subset
\power_1		$\mathbb{P}_1$	Non-empty subsets
\cup	222A	$\cup$	Set union
\cap	2229	$\cap$	Set intersection
\setminus	005C	$\setminus$	Set difference
\symdiff	2296	$\ominus$	Set symmetric difference
\bigcup	22C3	$\bigcup$	Generalised union
\bigcap	22C2	$\bigcap$	Generalised intersection
\finset	-0001D53D	$\mathbb{F}$	Finite subsets
\finset_1		$\mathbb{F}_1$	Non-empty finite subsets

Relation Toolkit ← Set Toolkit			
LaTeX	Unicode	Output	Meaning
first	“first”	*first*	Tuple projection
second	“second”	*second*	Tuple projection
\mapsto	21A6	$\mapsto$	Maplets
\dom	“dom”	dom	Domain
\ran	“ran”	ran	Range
\id	“id”	id	Identity relation
\comp	2A3E	$\fatsemi$	Relational composition
\circ	2218	$\circ$	Functional composition
\dres	25C1	$\lhd$	Domain restriction
\rres	25B7	$\rhd$	Range restriction
\ndres	2A64	$\unrhd$	Domain subtraction
\nrres	2A65	$\unlhd$	Range subtraction
\inv	223C	$\sim$	Relational inversion
\limg	2987	$(\!|$	Rel. image left bracket
\rimg	2988	$|\!)$	Rel. image right bracket
\oplus	2295	$\oplus$	Overriding
\plus	“^+”	$^+$	Transitive closure
\star	“^*”	*	Reflexive transitive closure

Function Toolkit ← Relation Toolkit			
LaTeX	Unicode	Output	Meaning
\pfun	21F8	$\nrightarrow$	Partial functions
\pinj	2914	$\rightarrowtail$	Partial injections
\inj	21A3	$\rightarrowtail$	Total injections
\psurj	2900	$\twoheadrightarrow$	Partial surjections
\surj	21A0	$\twoheadrightarrow$	Total surjections
\bij	2916	$\rightarrowtail\!\!\!\!\twoheadrightarrow$	Bijections
\ffun	21F8	$\nrightarrow$	Finite functions
\finj	2915	$\rightarrowtail$	Finite injections
\disjoint	“disjoint”	disjoint	Disjointness
\partition	“partition”	partition	Partitions

Sequence Toolkit ← Function, Number Toolkit			
LaTeX	Unicode	Output	Meaning
`\upto`	"‥"	..	Number range
`iter`	"iter"	*iter*	Iteration
`\#`	0023	#	Set cardinality
`min`	"min"	*min*	Minimum
`max`	"max"	*max*	Maximum
`\seq`	"seq"	seq	Finite sequences
`\seq_1`		seq_1	Non-empty finite sequences
`\iseq`	"iseq"	iseq	Injective sequences
`\langle`	27E8	⟨	Sequence left bracket
`\rangle`	27E9	⟩	Sequence right bracket
`\cat`	2040	⁀	Sequence concatenation
`rev`	"rev"	*rev*	Reverse
`head`	"head"	*head*	Head of sequence
`last`	"last"	*last*	Last of sequence
`tail`	"tail"	*tail*	Tail of sequence
`front`	"front"	*front*	Front of sequence
`squash`	"squash"	*squash*	Squashing
`\extract`	21BF	↾	Extracting
`\filter`	21BE	↿	Filtering
`\prefix`	"prefix"	*prefix*	Prefix relation
`\suffix`	"suffix"	*suffix*	Suffix relation
`\infix`	"infix"	*infix*	Infix relation
`\dcat`		⁀/	Distributed concatenation

Standard Toolkit ← Sequence Toolkit			
LaTeX	Unicode	Output	Meaning