

# User-Definable Operator Symbols

## Infix Operators

$+$ <sup>(1)</sup>	$-$ <sup>(1)</sup>	$*$ <sup>(1)</sup>	$/$ <sup>(2)</sup>	$\circ$ <sup>(3)</sup>	$++$
$\div$ <sup>(1)</sup>	$\%_0$ <sup>(1)</sup>	$\wedge$ <sup>(1,4)</sup>	$..$ <sup>(1)</sup>	$...$	$--$
$\oplus$ <sup>(5)</sup>	$\ominus$ <sup>(5)</sup>	$\otimes$	$\oslash$	$\odot$	$**$
$<$ <sup>(1)</sup>	$>$ <sup>(1)</sup>	$\leq$ <sup>(1)</sup>	$\geq$ <sup>(1)</sup>	$\sqcap$	$//$
$\prec$	$\succ$	$\preceq$	$\succeq$	$\sqcup$	$\hat{\hat{}}$
$\ll$	$\gg$	$<:$	$:>$ <sup>(6)</sup>	$\&$	$\&\&$
$\sqsubset$	$\sqsupset$	$\sqsubseteq$ <sup>(5)</sup>	$\sqsupseteq$	$ $	$\parallel$
$\subset$	$\supset$		$\supseteq$	$\star$	$\% \%$
$\vdash$	$\dashv$	$\models$			

## Postfix Operators <sup>(7)</sup>

$\wedge +$        $\wedge *$        $\wedge \#$

## Prefix Operator

$-$  <sup>(8)</sup>

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- (1) Defined by the *Naturals*, *Integers*, and *Reals* modules.
  - (2) Defined by the *Reals* module.
  - (3) Defined by the *Sequences* module.
  - (4)  $x \wedge y$  is printed as  $x^y$ .
  - (5) Defined by the *Bags* module.
  - (6) Defined by the *TLC* module.
  - (7)  $e \wedge +$  is printed as  $e^+$ , and similarly for  $\wedge *$  and  $\wedge \#$ .
  - (8) Defined by the *Integers* and *Reals* modules.