generic operator

spaced $A \cdot B$ unspaced $A \cdot B$

set composition

spaced $A \setminus B$ unspaced $A \setminus B$

logical and

spaced $A \wedge B$ unspaced $A \wedge B$

logical or

spaced $A \vee B$ unspaced $A \vee B$

implies

spaced $A \Rightarrow B$ unspaced $A \Rightarrow B$

exists (left spacing)

spaced $\wedge \exists b \in B$ unspaced $\wedge \exists b \in B$