

*Sentence* → *AtomicSentence* | *ComplexSentence*

*AtomicSentence* → *True* | *False* | *P* | *Q* | *R* | ...

*ComplexSentence* → ( *Sentence* )

|  $\neg$  *Sentence*

| *Sentence*  $\wedge$  *Sentence*

| *Sentence*  $\vee$  *Sentence*

| *Sentence*  $\Rightarrow$  *Sentence*

| *Sentence*  $\Leftrightarrow$  *Sentence*

OPERATOR PRECEDENCE :  $\neg, \wedge, \vee, \Rightarrow, \Leftrightarrow$