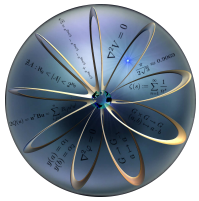

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CNF

Canonical name	CNF
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A propositional formula is a CNF formula, meaning Conjunctive Normal Form, if it is a conjunction of disjunction of literals (a literal is a propositional variable or its negation). Hence, a CNF is a formula of the form: $K_1 \wedge K_2 \wedge \ldots \wedge K_n$, where each K_i is of the form $l_{i1} \vee l_{i2} \vee \ldots \vee l_{im}$ for literals l_{ij} and some m (which can vary for each K_i).

Example: $(x \vee y \vee \neg z) \wedge (y \vee \neg w \vee \neg u) \wedge (x \vee v)$.