

DNF*

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

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

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