

Conjunctive Normal Form (CNF)

A logical expression of the form

$$A_1 \vee A_2 \vee A_3 \vee \dots \vee A_k$$

where the A_i are literals (statement letters or their negations) is called a *disjunctive clause*.

Then

$$C_1 \wedge C_2 \wedge C_3 \wedge \dots \wedge C_p,$$

where each C_i is a disjunctive clause, is said to be in *conjunctive normal form*, or CNF.

CNF is very popular in computer science!