

Additional tutorials - conversion into CNF

1. Convert in the following formulae into Conjunctive Normal Form (CNF).

$$(p \wedge q) \vee (p \wedge \neg q)$$

2. Convert the following formulae into Conjunctive Normal Form (CNF).

(i) $P \rightarrow Q$

(ii) $(P \rightarrow \neg Q) \rightarrow R$

(iii) $\neg(P \wedge \neg Q) \rightarrow (\neg R \vee \neg Q)$