

iii) Disjunctive Syllogism (DS):

$P \vee Q \rightarrow$ disjunction

$\neg P \rightarrow$ negation of 1st disjunct

~~$\neg Q \rightarrow$ negation of 2nd disjunct~~

$Q \rightarrow$ 2nd disjunct

(ie) $P \vee Q \rightarrow \neg P \vee Q$

iv) Disjunctive Addition (DA):

ie. From "P" we can derive

"P" \vee "Q" for any statement

Q (ie) "P \vee Q" (disjunction with any other statement Q)

v) Double Negation Elimination
(DNE):

$\neg \neg P \rightarrow P$