## Syllogism Forms

modus ponens hypothetical syllogism

if a then b

a if b then c
b if a then b

modus tollens disjunctive syllogism

if a then beither a or bnot bnot a (or b)not ab (or a)

## Syllogism Forms

modus ponens hypothetical syllogism

if a then b

a if b then c
b if a then b

modus tollens disjunctive syllogism

if a then b

not b

not a

either a or b

not a (or b)

b (or a)