

Deduction

Syllogism ('modus ponens')

Suppose P and Q are statements, that $P \implies Q$ is true, and that P is true. Then Q is true.

Indirect Proof

Suppose that P and Q are statements, that $P \implies Q$ is true, and that Q is false. Then P is false.

Elimination

Suppose that $P \vee Q$ is true, and P is false. Then Q is true.