- Law of excluded middle: $p \vee \neg p$ is a tautology. Abbreviation: LEM
- Law of non-contradiction: $\neg(p \land \neg p)$ is a tautology. Abbreviation: LNC
- The law of double-negation: p is equivalent to ¬¬p. Abbreviation: DN
- Law of commutativity for conjunction: $p \wedge q$ is equivalent to $q \wedge p$. Abbreviation: LCC
- Law of commutativity for disjunction: $p \lor q$ is equivalent to $q \lor p$. Abbreviation LCD.
- Law of associativity for conjunction: $(p \land q) \land r$ is equivalent to $p \land (q \land r)$. Abbreviation: LAC
- Law of associativity for disjunction: $(p \lor q) \lor r$ is equivalent to $p \lor (q \lor r)$. Abbreviation: LAD
- Law of distribution, part 1: $p \land (q \lor r)$ is equivalent to $(p \land q) \lor (p \land r)$. Abbreviation: LDC (where the final "C" is short for the initial conjunction)
- Law of distribution, part 2: $p \lor (q \land r)$ is equivalent to $(p \lor q) \land (p \lor r)$. Abbreviation: LDD (where the final "D" is short for the initial disjunction)
- DeMorgan Law, part 1: $\neg(p \land q)$ is equivalent to $\neg p \lor \neg q$. Abbreviation: DMOR (since it ends in an or statement)
- DeMorgan Law, part 2: $\neg(p \lor q)$ is equivalent to $\neg p \land \neg q$. Abbreviation: DMAND (since it ends in an and statement)
- Modus ponens. $p \rightarrow q, p \vdash q$. Abbreviation: E->
- Modus tollens. $p \rightarrow q, \neg q \vdash \neg p$. Abbreviation: MT
- Disjunctive syllogism. $p \lor q$, $\neg p \vdash q$. Abbreviation: PDS (for positive disjunctive syllogism, since it starts with an initial unnegated "positive" disjunction).
- Disjunctive syllogism. $\neg(p \land q), p \vdash \neg q$. Abbreviation: NDS (for negative disjunctive syllogism, since it starts with a negated conjunction).
- Reasoning by cases. $p \lor q, p \to r, q \to r \vdash r$. Abbreviation: $E \setminus r$