$$\begin{array}{l} p \supset q \\ p \\ \hline /\therefore q \end{array}$$

$$\begin{array}{l} p \supset q \\ \sim q \\ \hline /\therefore \sim p \end{array}$$

$$\begin{array}{l} p \supset q \\ q \supset r \\ \hline /\therefore p \subset r \end{array}$$

$$\begin{array}{l} p \cdot q \\ \hline /\therefore p \end{array}$$

$$\begin{array}{l} p \cdot q \\ \hline /\therefore q \end{array}$$

$$\begin{array}{l} p \\ q \\ \hline /\therefore p \cdot q \end{array}$$

$$\begin{array}{l} p \supset q \\ r \supset s \\ p \vee r \\ \hline /\therefore q \vee s \end{array}$$

$$\begin{array}{l} p \vee q \\ \sim p \\ \hline /\therefore q \end{array}$$

$$\begin{array}{l} p \vee q \\ \sim q \\ \hline /\therefore p \end{array}$$

$$\begin{array}{l} p \\ \hline /\therefore p \vee q \end{array}$$

$$\begin{array}{l} q \\ \hline /\therefore p \vee q \end{array}$$

Double Negation
$p :: \sim\sim p$

Duplication
$p :: (p \vee p)$
$p :: (p \cdot p)$

Commutation
$(p \vee q) :: (q \vee p)$
$(p \cdot q) :: (q \cdot p)$

Association
$((p \vee q) \vee r) :: (p \vee (q \vee r))$
$((p \cdot q) \cdot r) :: (p \cdot (q \cdot r))$

Contraposition
$(p \supset q) :: (\sim q \supset \sim p)$

DeMorgan's
$\sim (p \vee q) :: (\sim p \cdot \sim q)$
$\sim (p \cdot q) :: (\sim p \vee \sim q)$

Biconditional Exchange
$(p \equiv q) :: ((p \supset q) \cdot (q \supset p))$

Conditional Exchange
$(p \supset q) :: (\sim p \vee q)$

Distribution
$(p \cdot (q \vee r)) :: ((p \cdot q) \vee (p \cdot r))$
$(p \vee (q \cdot r)) :: ((p \vee q) \cdot (p \vee r))$

Exportation
$((p \cdot q) \supset r) :: (p \supset (q \supset r))$

Double Negation
$p :: \sim\sim p$

Duplication
$p :: (p \vee p)$
$p :: (p \cdot p)$

Commutation
$(p \vee q) :: (q \vee p)$
$(p \cdot q) :: (q \cdot p)$

Association
$((p \vee q) \vee r) :: (p \vee (q \vee r))$
$((p \cdot q) \cdot r) :: (p \cdot (q \cdot r))$

Contraposition
$(p \supset q) :: (\sim q \supset \sim p)$

DeMorgan's

$\sim (p \vee q) :: (\sim p \cdot \sim q)$
$\sim (p \cdot q) :: (\sim p \vee \sim q)$

Biconditional Exchange

$(p \equiv q) :: ((p \supset q) \cdot (q \supset p))$

Conditional Exchange

$(p \supset q) :: (\sim p \vee q)$

Distribution

$(p \cdot (q \vee r)) :: ((p \cdot q) \vee (p \cdot r))$
$(p \vee (q \cdot r)) :: ((p \vee q) \cdot (p \vee r))$

Exportation

$((p \cdot q) \supset r) :: (p \supset (q \supset r))$