Law of double negation:	$\neg\neg P$	LEQV	P
De Morgan's laws:	$\neg(P \wedge Q)$	LEQV	$\neg P \vee \neg Q$
	$\neg(P \vee Q)$	LEQV	$\neg P \wedge \neg Q$
Commutative laws:	$P \wedge Q$	LEQV	$Q \wedge P$
	$P \vee Q$	LEQV	$Q \vee P$
Associative laws:	$P \wedge (Q \wedge R)$	LEQV	$(P \wedge Q) \wedge R$
	$P \vee (Q \vee R)$	LEQV	$(P \vee Q) \vee R$
Distributive laws:	$P \wedge (Q \vee R)$	LEQV	$(P \wedge Q) \vee (P \wedge R)$
	$P \vee (Q \wedge R)$	LEQV	$(P \vee Q) \wedge (P \vee R)$
Identity laws:	$P \wedge (Q \vee \neg Q)$	LEQV	P
	$P \vee (Q \wedge \neg Q)$	LEQV	P
Idempotency laws:	$P \wedge P$	LEQV	P
	$P \vee P$	LEQV	P
$\rightarrow$ law:	$P \rightarrow Q$	LEQV	$\neg P \vee Q$
$\leftrightarrow$ law:	$P \leftrightarrow Q$	LEQV	$P \wedge Q \vee \neg P \wedge \neg Q$

Duality of quantifiers:

I. $\neg \mathbf{Q}x\ F$ LEQV $\overline{\mathbf{Q}}x\ \neg F$

Factoring quantifiers:

IIa. $E \wedge \mathbf{Q}x\ F$ LEQV $\mathbf{Q}x\ (E \wedge F)$, if x is not free in E

IIb. $E \vee \mathbf{Q}x\ F$ LEQV $\mathbf{Q}x\ (E \vee F)$, if x is not free in E

IIc. $\mathbf{Q}x\ E \wedge F$ LEQV $\mathbf{Q}x\ (E \wedge F)$, if x is not free in F

IId. $\mathbf{Q}x\ E \vee F$ LEQV $\mathbf{Q}x\ (E \vee F)$, if x is not free in F

IIe. $\mathbf{Q}x\ E \rightarrow F$ LEQV $\overline{\mathbf{Q}}x\ (E \rightarrow F)$, if x is not free in F

IIf. $E \rightarrow \mathbf{Q}x\ F$ LEQV $\mathbf{Q}x\ (E \rightarrow F)$, if x is not free in E

Renaming of quantified variables:

III. $\mathbf{Q}x\ F$ LEQV $\mathbf{Q}y\ F^x_y$, if y does not occur in F