p  ightarrow q	p  o q	p	p  o q
$\underline{p}$	$\sim q$	$\underline{q}$	q  ightarrow r
$\therefore q$	$ \sim p$	$\therefore p \wedge q$	$\therefore p  ightarrow r$
Elimination		Generalization	
$p \lor q$	$p \lor q$	p	q
$\sim q$	$\sim p$	$\therefore p \lor q$	$p \vee q$
$\frac{\sim q}{\therefore p}$	$\therefore q$		
Specialization Contradic		ction rule	Proof by division into cases
			$p \vee q$
$\underline{p \wedge q}$ $\underline{p \wedge q}$ $\underline{\sim p}$		$\rightarrow c$	p  o r
$\therefore p$ $\therefore q$	$\therefore p$		q  ightarrow r
			∴. <i>T</i>

Conjunction

Modus Tollens

Transitivity

Modus Ponens