

1:	$P \vee (Q \wedge R)$	assumption
2:	P	assumption
3:	P	hyp 2
4:	$P \vee Q$	$\vdash \vee (L) 3$
5:	P	hyp 2
6:	$P \vee R$	$\vdash \vee (L) 5$
7:	$(P \vee Q) \wedge (P \vee R)$	$\vdash \wedge 4, 6$
8:	$Q \wedge R$	assumption
9:	Q, R	assumptions
10:	Q	hyp 9.1
11:	$P \vee Q$	$\vdash \vee (R) 10$
12:	R	hyp 9.2
13:	$P \vee R$	$\vdash \vee (R) 12$
14:	$(P \vee Q) \wedge (P \vee R)$	$\vdash \wedge 11, 13$
15:	$(P \vee Q) \wedge (P \vee R)$	$\wedge \vdash 8, 9-14$
16:	$(P \vee Q) \wedge (P \vee R)$	$\vee \vdash 1, 2-7, 8-15$