

1.	$\top P \rightarrow Q$	Assumption
2.	$\top Q \rightarrow R$	Assumption
3.	$\top \neg R$ ✓	Assumption
4.	$\bot \neg P$ ✓	Assumption
5.	$\bot R$	$\neg \top 3$
6.	$\top P$	$\neg \bot 4$