

1:	$P \rightarrow Q, Q \rightarrow R, P$	premises
2:	$P$	hyp 1.3
3:	$P \rightarrow Q$	hyp 1.1
4:	$Q$	$\rightarrow$ -E 2,3
5:	<div style="border: 1px solid black; padding: 2px; display: inline-block;"> <math>Q</math>  <math>\dots</math>  <math>R</math> </div>	assumption
6:		
7:	$R$	cut 4,5-6