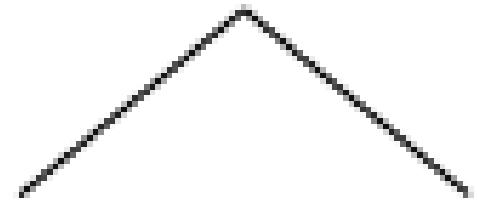


1. $\top P \wedge (P \rightarrow Q)$

2. $\top P$ $\wedge\top 1$

3. $\top P \rightarrow Q$ $\wedge\top 1$



4. $\perp P \quad \top Q \quad \rightarrow\top 3$