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|----|---------------------------|----------------|
| 1. | $\top P \rightarrow Q$ | Assumption |
| 2. | $\top Q \rightarrow R$ | Assumption |
| 3. | $\top \neg R \checkmark$ | Assumption |
| 4. | $\perp \neg P \checkmark$ | Assumption |
| 5. | $\perp R$ | $\neg \top 3$ |
| 6. | $\top P$ | $\neg \perp 4$ |