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|----|--------------------------|---------------------|
| 1. | $\top P \rightarrow Q$   | Assumption          |
| 2. | $\top Q \rightarrow R$ ✓ | Assumption          |
| 3. | $\top \neg R$ ✓          | Assumption          |
| 4. | $\perp \neg P$ ✓         | Assumption          |
| 5. | $\perp R$                | $\neg\top 3$        |
| 6. | $\top P$                 | $\neg\perp 4$       |
|    |                          |                     |
| 7. | $\perp Q$ $\top R$       | $\rightarrow\top 2$ |
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