

1. $\top P \rightarrow Q$ ✓

Assumption

2. $\mathbb{F} (P \vee R) \rightarrow Q$ ✓

Assumption

3. $\top P \vee R$ ✓

$\rightarrow \mathbb{F} 2$

4. $\mathbb{F} Q$

$\rightarrow \mathbb{F} 2$

5. $\top P$ $\top R$ $\vee \top 3$

6. $\mathbb{F} P$ $\top Q$ $\mathbb{F} P$ $\top Q$ $\rightarrow \top 1$