

$$\begin{array}{ccc}
 A^F & \rightarrow & R^{V/F} \quad V \\
 \neg A & & V
 \end{array}
 \quad \therefore \neg R$$

$$\begin{array}{ccc}
 \text{NÃO} & & R \quad \neg R \\
 \hline
 J^V \vee T^F \quad V & & \therefore T^F
 \end{array}$$

NÃO SE PODE GARANTIR!

$$\begin{array}{ccc}
 \neg P^F \vee Q^{V/F} \quad V \\
 \neg P^F \quad V \\
 \hline
 \neg Q^{F/V} \quad V?
 \end{array}$$

NÃO É VÁLIDO

$$1. \neg R \rightarrow \neg S$$

$$2. R \rightarrow \neg F$$

$$3. \textcircled{F}$$

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$$4. \textcircled{\neg R} \quad \text{MT } 2, 3$$

$$5. \textcircled{\neg S} \quad \text{MP } 1, 4$$

Report: (A)(B) (C)(D)

$$1. \quad \overbrace{\neg H}^F \vee \overbrace{J}^V$$

$$2. \quad H^V \vee \underbrace{J^V}_{\text{circled}} \vee B^V$$

$$3. \quad \underbrace{B^V}_{\text{circled}} \vee \overbrace{\neg J}^F$$

$$4. \quad \overbrace{\neg B}^F \vee \underbrace{H^V}_{\text{circled}}$$


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H

B

J

1.  $\neg \overset{\vee}{H} \rightarrow \neg \overset{\vee}{J} \quad \checkmark$
  2.  $H^F \rightarrow \neg \overset{\vee}{J} \vee \neg \overset{\vee}{A} \quad \checkmark$
  3.  $A^F \rightarrow J^F \quad \checkmark$
  4.  $\neg \overset{\vee}{A} \rightarrow \neg \overset{\vee}{H} \quad \checkmark$
- 

$\neg H$

$\neg J$

$\neg A$