

a	b	Resultado
False	False	False
False	True	True
True	False	False
T	T	False

$$a/ \underbrace{(A \text{ OR } B)}_F \text{ AND } \underbrace{\text{NOT}(A)}_T \rightarrow \text{False}$$

$$a/ \underbrace{(A \text{ OR } B)}_T \text{ AND } \underbrace{\text{NOT}(A)}_T \rightarrow \text{True}$$

$$a/ \underbrace{(A \text{ OR } B)}_T \text{ AND } \underbrace{\text{NOT}(A)}_F \rightarrow \text{False}$$

$$a/ \underbrace{(A \text{ OR } B)}_T \text{ AND } \underbrace{\text{NOT}(A)}_F \rightarrow \text{False}$$

A	B	Resultado
False	False	False
False	True	False
True	False	False
True	True	False

$$b/ \underbrace{\text{NOT}(\overbrace{A \text{ OR } B}^F)}_F \text{ AND } \underbrace{B}_F \rightarrow \text{False}$$

$$b/ \underbrace{\text{NOT}(\overbrace{A \text{ OR } B}^T)}_F \text{ AND } \underbrace{B}_T \rightarrow \text{False}$$

$$b/ \underbrace{\text{NOT}(\overbrace{A \text{ OR } B}^T)}_F \text{ AND } \underbrace{B}_F \rightarrow \text{False}$$

$$b/ \underbrace{\text{NOT}(\overbrace{A \text{ OR } B}^T)}_F \text{ AND } \underbrace{B}_T \rightarrow \text{False}$$

A	B	Resultado
F	F	True
F	T	False
T	F	True
T	T	True

$$C/ \underbrace{A}_{F} \text{ OR } \underbrace{\text{NOT}(B)}_T \rightarrow \text{True}$$

$$C/ \underbrace{A}_{F} \text{ OR } \underbrace{\text{NOT}(B)}_F \rightarrow \text{False}$$

$$C/ \underbrace{A}_T \text{ OR } \underbrace{\text{NOT}(B)}_T \rightarrow \text{True}$$

$$C/ \underbrace{A}_T \text{ OR } \underbrace{\text{NOT}(B)}_F \rightarrow \text{True}$$

A	B	Resultado
F	F	True
F	T	True
T	F	True
T	T	False

$$D/ \text{NOT} ((\underbrace{A \text{ AND } B}_F) \text{ AND } (\underbrace{B \text{ OR } A}_F)) \rightarrow \text{True}$$

$$D/ \text{NOT} ((\underbrace{A \text{ AND } B}_F) \text{ AND } (\underbrace{B \text{ OR } A}_T)) \rightarrow \text{True}$$

$$D/ \text{NOT} ((\underbrace{\underbrace{A \text{ AND } B}_F}_{T} \text{ AND } (\underbrace{B \text{ OR } A}_T))) \rightarrow \text{True}$$

$$D/ \text{NOT} ((\underbrace{\underbrace{A \text{ AND } B}_T}_{F} \text{ AND } (\underbrace{B \text{ OR } A}_T))) \rightarrow \text{False}$$