5)Construir a Tabela Verdade abaixo:

a)      ((p v r) ↔ (q ^ ~s)) → (p → r)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| p | q | r | s | ~s | (pvr) | (q^~s) | ((pvr)↔(q^~s)) | (p→r) | ((pvr)↔(q^~s))→(p→r) |
| V | V | V | V | F | V | F | F | V | V |
| V | V | V | F | V | V | V | V | V | V |
| V | V | F | V | F | V | F | F | F | V |
| V | V | F | F | V | V | V | V | F | F |
| V | F | V | V | F | V | F | F | V | V |
| V | F | V | F | V | V | F | F | V | V |
| V | F | F | V | F | V | F | F | F | V |
| V | F | F | F | V | V | F | F | F | V |
| F | V | V | V | F | V | F | F | V | V |
| F | V | V | F | V | V | V | V | V | V |
| F | V | F | V | F | F | F | V | V | V |
| F | V | F | F | V | F | V | F | V | V |
| F | F | V | V | F | V | F | F | V | V |
| F | F | V | F | V | V | F | F | V | V |
| F | F | F | V | F | F | F | V | V | V |
| F | F | F | F | V | F | F | V | V | V |