|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| p | q | p∧q | p∨q | p→q | (p∧q)→ p | p→ (p∨q) | ¬p→(p→q) | (p∧q)→(p→q) | ¬(p→q)→p | ¬(p→q)→¬q |
| T | F | F | T | F | T | T | T | T | T | T |
| T | T | T | T | T | T | T | T | T | T | T |
| F | T | F | T | T | T | T | T | T | T | T |
| F | F | F | F | T | T | T | T | T | T | T |

Obviously these statements is a tautology

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