\documentclass[a4paper,10pt]{article}

\usepackage[spanish]{babel}

\usepackage[utf8]{inputenc}

\usepackage[T1]{fontenc}

\usepackage{amsmath,amsfonts,amssymb}

\title{TAREA}

\author{José Millán}

\date{today}

\begin{document}

¬p≡¬q∨(q≡¬q∧p≡p)≡¬q∧(p≡q)≡¬q

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| p | q | ¬p | ¬q∧p | q≡¬q∧p | (q≡¬q∧p≡p) | ¬q∨(q≡¬q∧p≡p) | p≡q | ¬q∧(p≡q) | ¬q | E |
| 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 |
| 0 | 1 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 |
| 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 1 |
| 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 |