1. Menggunakan tabel kebenaran:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **p** | **q** | **¬p** | **¬q** | **p → q** | **¬q → ¬p** |
| S | S | B | B | B | B |
| S | B | B | S | B | B |
| B | S | S | B | S | S |
| B | B | S | S | B | B |

Hukum Logika:

Maka terbukti

1. Menggunakan tabel kebenaran

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| p | ¬p | q | ¬q |  |  |  |
| S | B | S | B | S | B | S |
| S | B | B | S | S | B | S |
| B | S | S | B | S | B | S |
| B | S | B | S | B | S | B |

Hukum Logika:

Maka terbukti

1. Menggunakan tabel kebenaran:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **p** | **q** | **r** | **p → q** | **p → r** | **(p → q) ⋀ (p → r)** | **q ⋀ r** | **p → (q ⋀ r)** |
| S | S | S | B | B | B | S | B |
| S | S | B | B | B | B | S | B |
| S | B | S | B | B | B | S | B |
| S | B | B | B | B | B | B | B |
| B | S | S | S | S | S | S | S |
| B | S | B | S | B | S | S | S |
| B | B | S | B | S | S | S | S |
| B | B | B | B | B | B | B | B |

Hukum Logika:

Maka terbukti

1. Menggunakan tabel kebenaran:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **p** | **q** | **r** | **p → q** | **p → r** | **(p → q) ⋁ (p → r)** | **q ⋁ r** | **p → (q ⋁ r)** |
| S | S | S | B | B | B | S | B |
| S | S | B | B | B | B | B | B |
| S | B | S | B | B | B | B | B |
| S | B | B | B | B | B | B | B |
| B | S | S | S | S | S | S | S |
| B | S | B | S | B | B | B | B |
| B | B | S | B | S | B | B | B |
| B | B | B | B | B | B | B | B |

Hukum Logika:

Maka terbukti

1. Menggunakan tabel kebenaran:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **p** | **q** | **(p → q)** | **(q → p)** | **p ↔ q** | **(p→q) ⋀ (q→p)** |
| S | S | B | B | B | B |
| S | B | B | S | S | S |
| B | S | S | B | S | S |
| B | B | B | B | B | B |

Hukum Logika:

Maka terbukti

1. Menggunakan tabel kebenaran:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **p** | **¬p** | **q** | **¬q** | **(p ⋀ q)** | **(¬p ⋀ ¬q)** | **p↔q** | **(p ⋀ q) ⋁ (¬p ⋀ ¬q)** |
| S | B | S | B | S | B | B | B |
| S | B | B | S | S | S | S | S |
| B | S | S | B | S | S | S | S |
| B | S | B | S | B | S | B | B |

Hukum Logika:

Maka terbukti