**Logic Tool Results**

Logical Expression: p→q,¬p→q⊢q

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Line | Expression | Rule | First Segment | Second Segment | Third Segment |
| 1 | p→q | Data |  |  |  |
| 2 | ¬p→q | Data |  |  |  |
| 3 | ¬q | Assumption |  |  |  |
| 4 | ¬¬p | MT | 2 | 3 |  |
| 5 | p | ¬¬e | 4 |  |  |
| 6 | ¬p | MT | 1 | 3 |  |
| 7 | ⊥ | ¬e | 5 | 6 |  |
| 8 | q | PBC | 3-7 |  |  |