**Logic Tool Results**

Logical Expression: ((p∧q)→p)→q⊢q

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Line | Expression | Rule | First Segment | Second Segment | Third Segment |
| 1 | ((p∧q)→p)→q | Data |  |  |  |
| ┌--------------------------------------------------------------------------------------------------------------┐ | | | | | |
| 2 | p∧q | Assumption |  |  |  |
| 3 | p | ∧e1 | 2 |  |  |
| └--------------------------------------------------------------------------------------------------------------┘ | | | | | |
| 4 | (p∧q)→p | →i | 2-3 |  |  |
| 5 | q | MP | 1 | 4 |  |