**PPT HW FOR NOT, AND OR OPERATORS**

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**Table: 3-7**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | B OR C | A AND (B OR C) | A AND B | A AND C | (A AND B) OR (A AND C) |
| T | F | T | T | T | F | T | T |
| T | F | F | F | F | F | F | F |
| T | F | T | T | T | F | T | T |
| F | F | T | T | F | F | F | F |
| T | F | F | F | F | F | F | F |
| F | F | F | F | F | F | F | F |
| F | F | T | T | F | F | F | F |
| F | F | F | F | F | F | F | F |

**Table: 3-8**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | B AND C | A OR (B AND C) | A OR B | A OR C | (A OR B) AND (A OR C) |
| T | F | T | F | T | T | T | T |
| T | F | F | F | T | T | T | T |
| T | F | T | F | T | T | T | T |
| F | F | T | F | F | F | T | F |
| T | F | F | F | T | T | T | T |
| F | F | F | F | F | F | F | F |
| F | F | T | F | F | F | T | F |
| F | F | F | F | F | F | F | F |