| х | У | $x \cdot y$ | $\overline{x \cdot y}$ | \bar{x} | \bar{y} | $\bar{x} + \bar{y}$ |
|-------|-------|-------------|------------------------|-----------|-----------|---------------------|
| 0 0 1 | 0 1 0 | 0 0 0 | 1 1 1 | 1 1 0 | 1 0 1 | 1 1 1 |
| 1 | 1 | LHS | | RHS | | |

Figure 2.13 Proof of DeMorgan's theorem in 15a.