







| lroe_  | > X+(Y·Z)=       | (X+Y) · (X+Z)                                 |
|--------|------------------|---|
|        | X·(Y+Z) =        | (x·Y)+(x·Z)                                   |
| 3 vari |                  |   |
| Y      | 2   (A)<br>7.2   | X+A  =  X+y   X+z  $ X+A   X+y   X+z    X+z $ |
| 0 0    |                  | 0 0 0   |
| 2 0    | 2 0              |   |
| 9 1    |                  |   |
| 1 0    | 9 0              |   |
|        | 0 0              |   |
| 1      | 1   1            |   |
|        |                  | if these was are identical, hence verified.   |
|        |                  |   |
| (i) D  | e & Morgan       |   |
|        | X + Y = 1        | A   |
|        | Ā =              | (X+Y)   |
|        | <del>X+Y</del> = | <b>-</b>                                      |
|        | <del>X·y</del> = |   |
|        |                  |   |





