NOT = $\overline{A}$

$$\overline{A} = \overline{A \cdot A}$$

$x \cdot x = x$

$\bar{\bar{x}} = x$

AND = $A \cdot B$

$$A \cdot B = \overline{\overline{A \cdot B}} = \overline{\overline{A \cdot B} \cdot \overline{A \cdot B}}$$

$x \cdot x = x$

OR = $A + B$

$$A + B = \overline{\overline{A + B}} = \overline{\overline{A} \cdot \overline{B}}$$

$\bar{\bar{x}} = x$

De Morgan

$\overline{(x + y)} = \overline{x} \cdot \overline{y}$

NOT = $\overline{A}$

$$\overline{A} = \overline{A + A}$$

$x + x = x$

$\bar{\bar{x}} = x$

AND = $A \cdot B$

$$A \cdot B = \overline{\overline{A \cdot B}} = \overline{\overline{A} + \overline{B}}$$

De Morgan

$\overline{(x \cdot y)} = \overline{x} + \overline{y}$

OR = $A + B$

$$A + B = \overline{\overline{A + B}} = \overline{\overline{A + B} + \overline{A + B}}$$

$\bar{\bar{x}} = x$

$x + x = x$