

## EJERCICIO #1

### TABLA #1

SOP

$$Y = (\bar{A} \cdot \bar{B} \cdot \bar{C}) + (\bar{A} \cdot B \cdot \bar{C}) + (A \cdot \bar{B} \cdot \bar{C}) + (A \cdot \bar{B} \cdot C) + (A \cdot B \cdot C)$$

POS

$$Y = (A + B + \bar{C}) \cdot (A + \bar{B} + \bar{C}) \cdot (\bar{A} + \bar{B} + C)$$

### TABLA #2

SOP

$$Y = (\bar{A} \cdot \bar{B} \cdot C) + (A \cdot B \cdot \bar{C}) + (A \cdot B \cdot C)$$

POS

$$Y = (A + B + C) \cdot (A + \bar{B} + C) \cdot (A + \bar{B} + \bar{C}) \cdot (\bar{A} + B + C) \cdot (\bar{A} + B + \bar{C})$$

### TABLA #3

SOP

$$Y = (\bar{A} \cdot \bar{B} \cdot \bar{C} \cdot \bar{D}) + (\bar{A} \cdot \bar{B} \cdot \bar{C} \cdot D) + (\bar{A} \cdot \bar{B} \cdot C \cdot \bar{D}) + (\bar{A} \cdot \bar{B} \cdot C \cdot D) + (A \cdot \bar{B} \cdot \bar{C} \cdot \bar{D}) + (A \cdot \bar{B} \cdot C \cdot \bar{D}) + (A \cdot B \cdot \bar{C} \cdot \bar{D})$$

POS

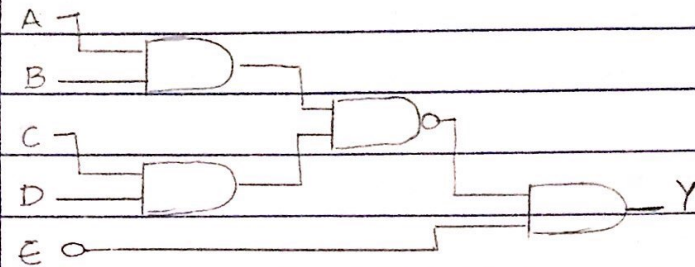
$$Y = (A + \bar{B} + C + D) \cdot (A + \bar{B} + C + \bar{D}) \cdot (A + \bar{B} + \bar{C} + D) \cdot (A + \bar{B} + \bar{C} + \bar{D}) \cdot (\bar{A} + B + C + \bar{D}) \cdot (\bar{A} + B + \bar{C} + D) \cdot (\bar{A} + \bar{B} + C + D) \cdot (\bar{A} + \bar{B} + C + \bar{D})$$

### TABLA #4

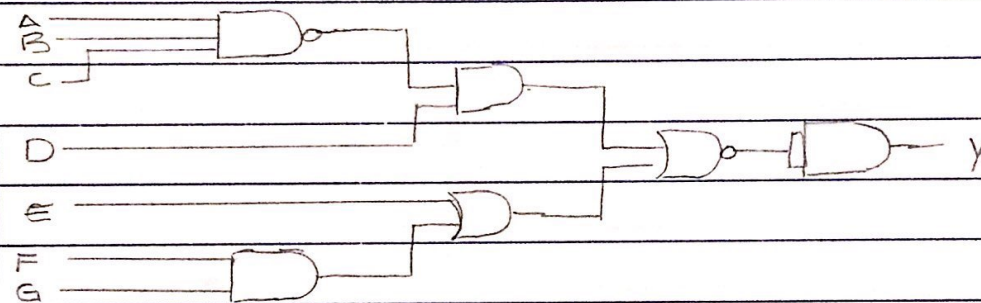
SOP  $Y = (\bar{A} \cdot \bar{B} \cdot \bar{C} \cdot \bar{D}) + (\bar{A} \cdot \bar{B} \cdot C \cdot \bar{D}) + (\bar{A} \cdot \bar{B} \cdot C \cdot D) + (\bar{A} \cdot B \cdot \bar{C} \cdot \bar{D}) + (\bar{A} \cdot B \cdot C \cdot D) + (A \cdot \bar{B} \cdot \bar{C} \cdot \bar{D}) + (A \cdot \bar{B} \cdot C \cdot \bar{D})$

POS  $Y = (A + B + C + \bar{D}) \cdot (A + \bar{B} + C + D) \cdot (A + \bar{B} + C + \bar{D}) \cdot (\bar{A} + B + C + \bar{D}) \cdot (\bar{A} + B + \bar{C} + D) \cdot (\bar{A} + \bar{B} + C + D) \cdot (\bar{A} + \bar{B} + C + \bar{D})$

# EJERCICIO #4



$$Y = (AB) \cdot (CD) \cdot \bar{E}$$



$$Y = \left[ \overline{(A \cdot B \cdot C) \cdot D + [(F \cdot G) + E]} \right] \cdot \left[ \overline{(A \cdot B \cdot C) \cdot D + [(F \cdot G) + E]} \right]$$