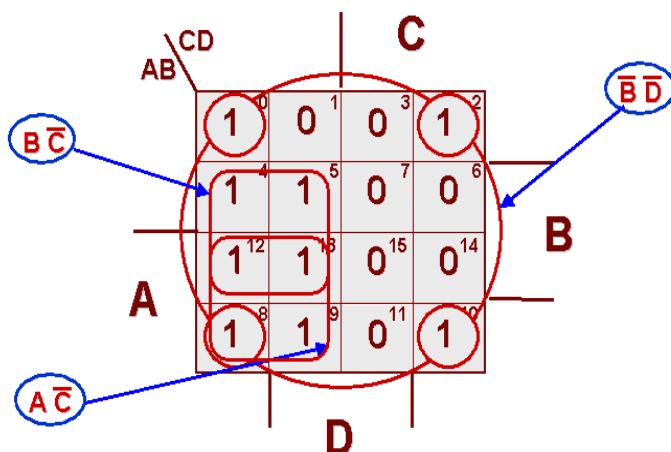


GABARITO

1. $F(A,B,C) = \overline{A} \overline{C} + \overline{B} \overline{C}$

2. $F(x,y,w,z) = x\overline{w} + y\overline{w} + \overline{w}\overline{z}$

3. $F(A,B,C,D) = \sum (0, 2, 4, 5, 8, 9, 10, 12, 13)$



$$F(A,B,C,D) = A\overline{C} + B\overline{C} + \overline{B}\overline{D}$$

4.

- i) letra E, mesmos bits de 0-19
- ii) EF56AB78 -> EF56AB79, EF56AB7A, EF56AB7B, EF56AB7C, EF56AB7D, EF56AB7E, EF56AB7F

5.

- a) $256 \text{ bits} = 32 \text{ bytes} = 2^5 \Rightarrow 5 \text{ bits}$
- b) bits de 0 a 4
- c) 32 conjuntos = $2^5 \Rightarrow 5 \text{ bits}$
- d) bits de 5 a 9