

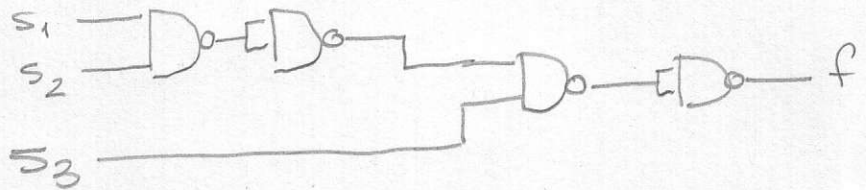
# Ejercicio 2012-2 . E. Digital . Selectividad

$m_i$	$s_1$	$s_2$	$s_3$	$f$
0	0	0	0	0
1	0	0	1	0
2	0	1	0	0
3	0	1	1	0
4	1	0	0	0
5	1	0	1	0
6	1	1	0	0
7	1	1	1	1

$$f(s_1, s_2, s_3) = s_1 \cdot s_2 \cdot s_3$$

Con puertas NAND de 2 entradas

$$f = s_1 s_2 s_3 = \overline{\overline{s_1 s_2 s_3}} \Rightarrow$$



Con puertas NOR de 2 entradas

$$f = s_1 s_2 s_3 = \overline{\overline{s_1 s_2 s_3}} = \overline{\overline{s_1} + \overline{s_2} + \overline{s_3}}$$

