CPEN LAB 1

Andrew Chen
38113544

4+4 = 8 → 6321

X	Y	#	input required
0	0	6	0 1 0 0 0 0 0
0	1	3	0 0 0 0 1 1 0
1	0	2	0 0 1 0 0 1 0
1	1	1	1 0 0 1 1 1 1

maxterms
↳ if output is 0:
↳ if input is 0 → a
a
1 → a'

minterms
if out is 1
↳ in is 0 → a'

$F_A = F_D = F_G = X.Y$ (2)

$F_B = F_F' = (X+Y)' = (X'.Y')$ (4)

$F_C = X.Y' = 2$

$F_E = Y$ (0)