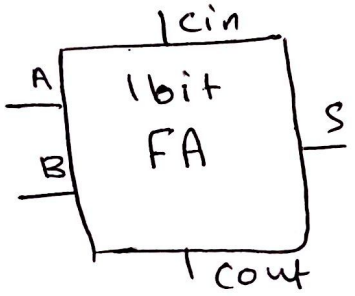
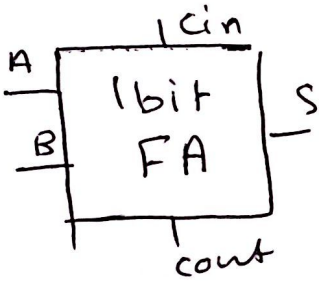
Q ~~Final~~ mid 2016

Two Numbers $(X_2\ X_1\ X_0)$, $(Y_2\ Y_1\ Y_0)$ Use not, OR gate only and make this table right

X>Y	X=Y	X<Y
1	0	0
0	1	0
0	0	1



☐ less
X<Y



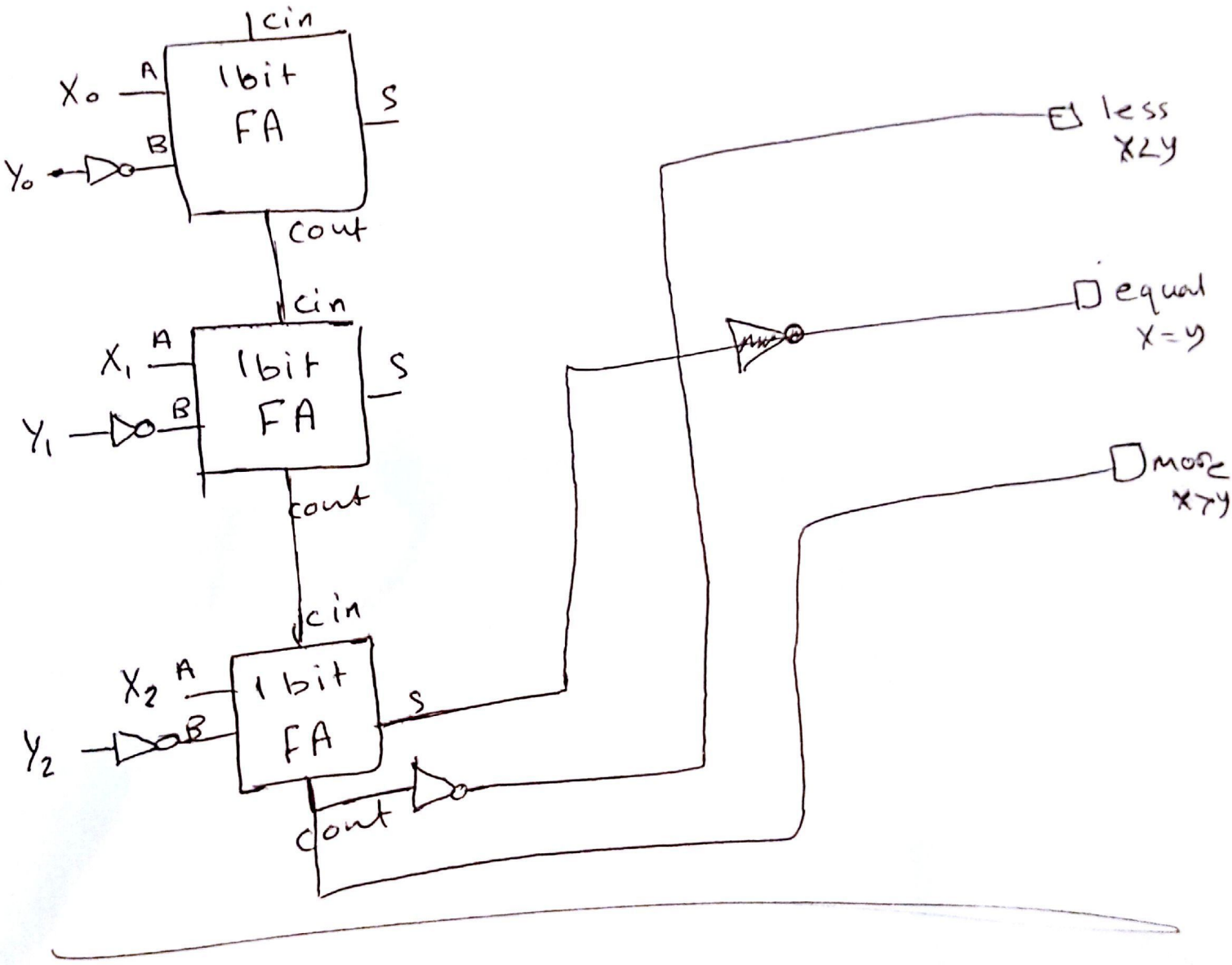
☐ equal
X=Y

☐ more
X>Y

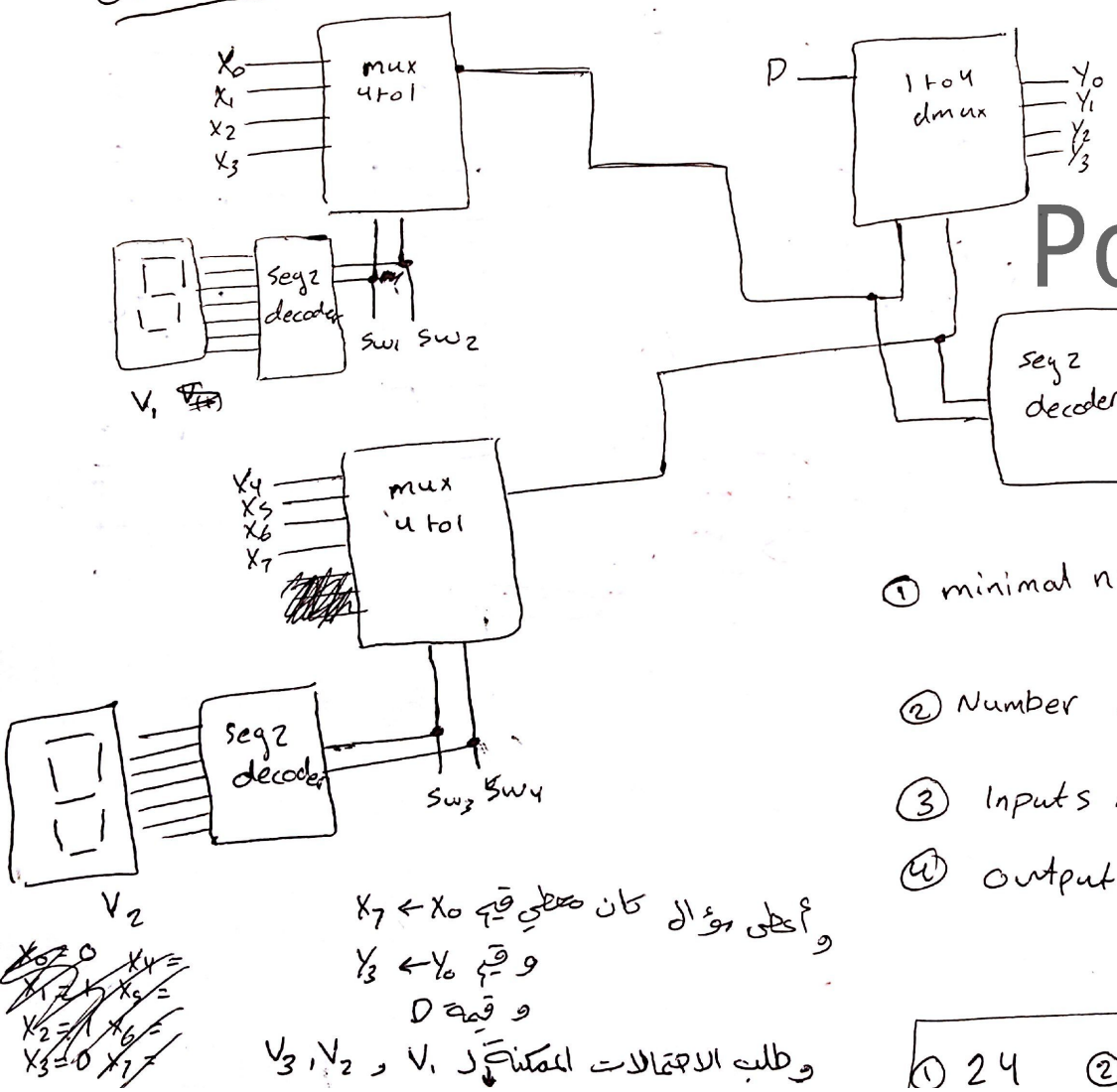
Q mid 2016

Two Numbers $(X_2\ X_1\ X_0)$, $(Y_2\ Y_1\ Y_0)$ Use not, OR gates only and make this table right

X>Y	X=Y	X<Y
1	0	0
0	1	0
0	0	1



Q mid 2016



Power Unit

① minimal number of wires required

② Number of instances needed

③ Inputs needed for Pin Assignme

④ output needed for Pin Assignment

$X_7 \leftarrow X_0$ وأعطى مؤال كان معطى فيه

$Y_3 \leftarrow Y_0$ وفيه

وقيمة D

وطلب الاحتمالات الممكنة لـ V_1 و V_2 ، V_3

$X_0 = 0$ $X_4 =$

$X_1 =$ $X_5 =$

$X_2 = 1$ $X_6 =$

$X_3 = 0$ $X_7 =$

أعتقد الحل الصحيح هيك:

① 24 ② 6 ③ 6 ④ 21