A1. a:

01000001 00001000 00000000 00000000

0x41080000

b:

11000001110010100000000000000000

0xC1CA0000

c:

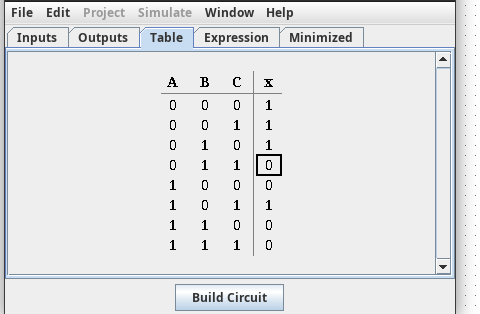
2,27

d:

-1.

A2a:

Q = ~~ABC~~ + C + B + A \* C

b: 

c:

K[Q] = 3 + 1 + 1 + 2 = 7

d:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A/BC | 00 | 01 | 11 | 10 |
| 0 | 1 | 1 | 0 | 1 |
| 1 | 0 | 1 | 0 | 0 |

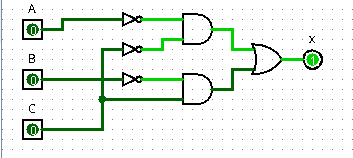
Q’ = A \* C + B \* C

e:

K[Q’] = 2 + 2 = 4

F:

Q’ = A \* C + B \* C

  
  
  
  
  
  
  
  
  
  
  
A3A:

Q = D + B \* D + A + A \* D + A \* B + A \* B \* D

B:

K[Q] = 1 + 2 + 1 + 2 + 2 + 3 = 11

C:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| AB/CD | 00 | 01 | 11 | 10 |
| 00 | 0 | 1 | 0 | 0 |
| 01 | 0 | 1 | 0 | 0 |
| 11 | 1 | 1 | 0 | 0 |
| 10 | 1 | 1 | 0 | 0 |

Q’ = D + C + B \* D

D:

K[Q’] = 1 + 1 + 2 = 4

E:

Volgens Logisim is de geminimaliseerde vergelijking: C \* D + A \* C

Deze vergelijking klopt geloof ik.