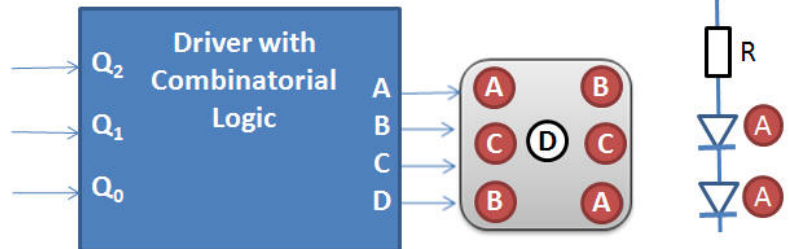
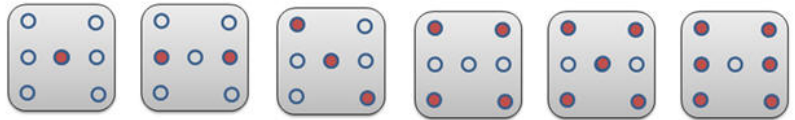


Electronic Dice – Version 1a

Truthtable

$Q_2Q_1Q_0$	A	B	C	D
000				
001				
010				
011				
100				
101				
110				
111				

Dice presentations



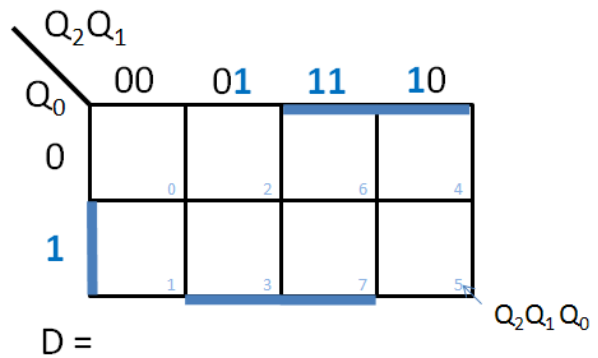
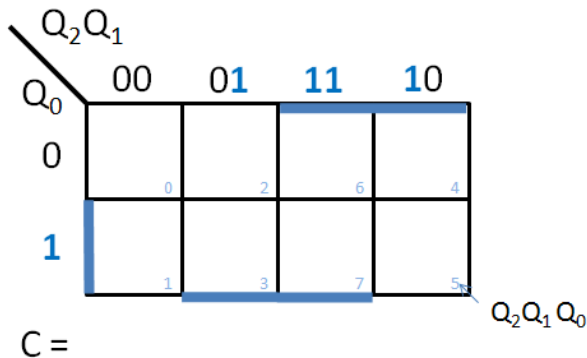
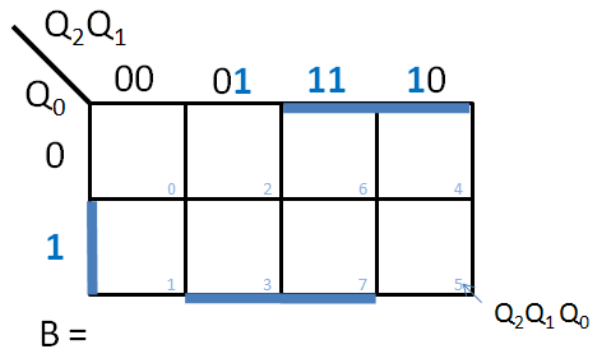
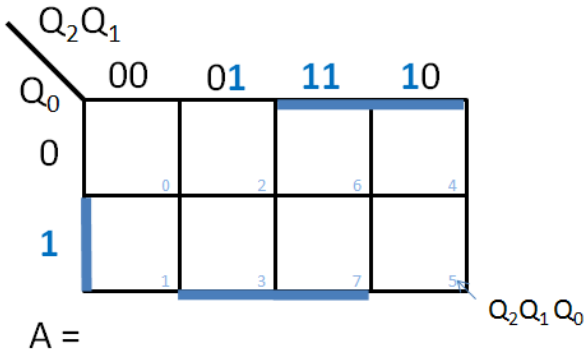
Blockdiagram with a six as result

Example of how two leads are controlled by one output

Fill out the truth table after your own choices:

- Should it be active high/low which turn on the LEDs
- Should the count sequence be 0..5 or 1..6
- Should the two remaining combinations => Don't care

Find the reduced Boolean questions

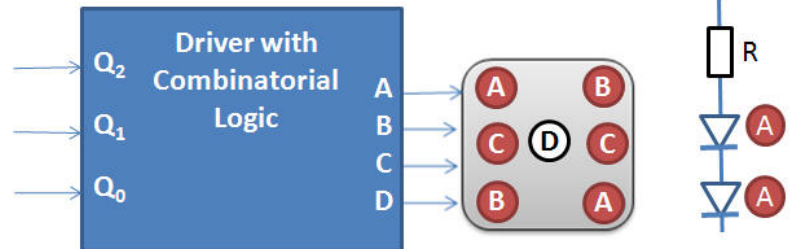
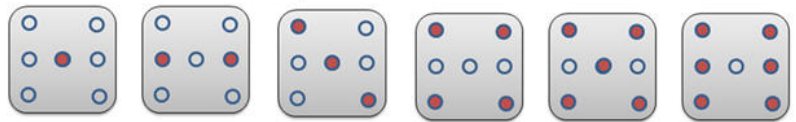


Electronic Dice – Version 1b

Truthtable

$Q_2Q_1Q_0$	A	B	C	D
000				
001				
010				
011				
100				
101				
110				
111				

Dice presentations



Blockdiagram with a six as result

Example of how two leads are controlled by one output

Fill out the truth table after your own choices:

- 1) Should it be active high/low which turn on the LEDs
- 2) Should the count sequence be 0..5 or 1..6
- 3) Should the two remaining combinations => Don't care

Find the reduced Boolean questions

