

## Číslicové integrované obvody IV Zapojenia s hradlami

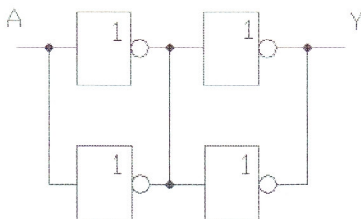
Úloha cvičenia:

1. Navrhnete zapojenia
  - a) 6 zapojení s hradlami 04
  - b) 6 zapojení s hradlami 00
  - c) 6 zapojení s hradlami 00 a 04
2. Napíšte pravdivostnú tabuľku
3. Zapojenia prakticky odskúšajte

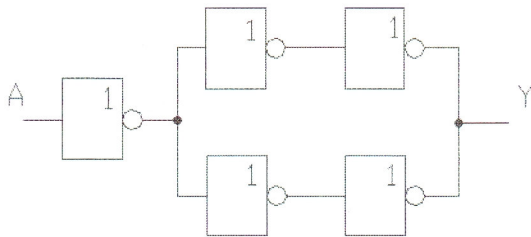
MH..04



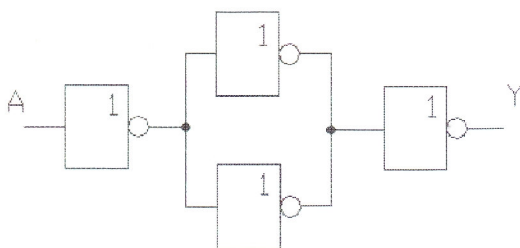
A	Y
0	1
1	0



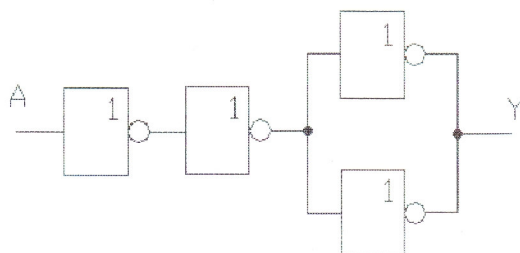
A	Y
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1	1



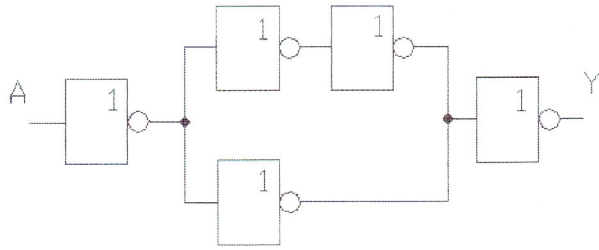
A	Y
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1	0



A	Y
0	1
1	0

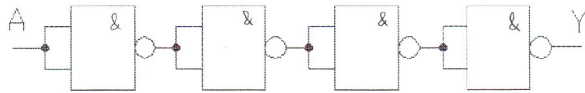


A	Y
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1	0

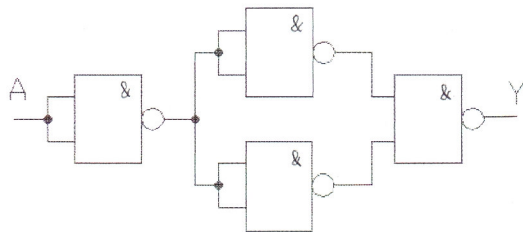


A	Y
0	0
1	1

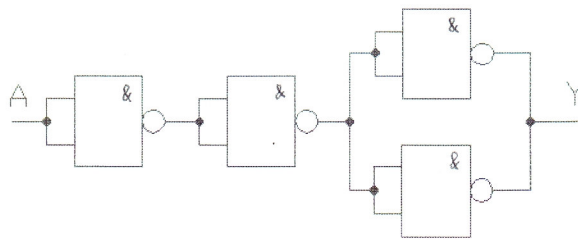
MH .00



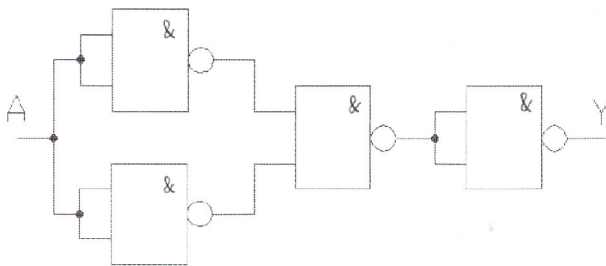
A	Y
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1	1



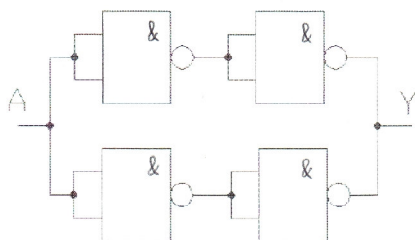
A	Y
0	1
1	0



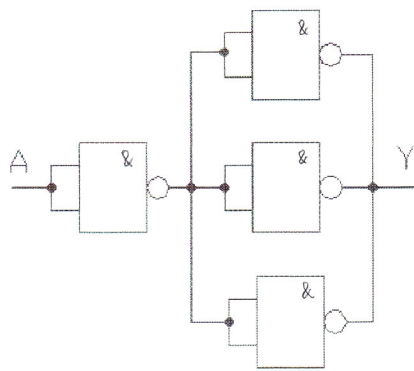
A	Y
0	1
1	0



A	Y
0	1
1	0

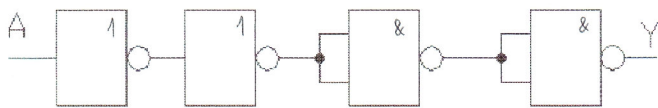


A	Y
0	0
1	1

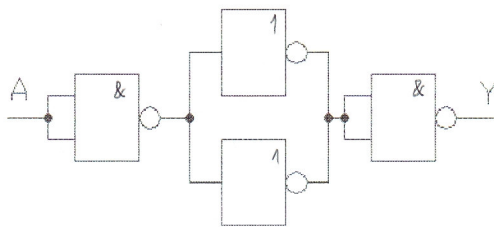


A	Y
0	0
1	1

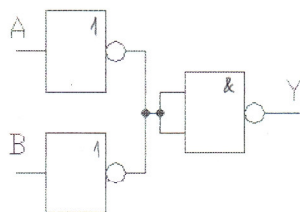
Kombinácie MH ..00 a MH ..04



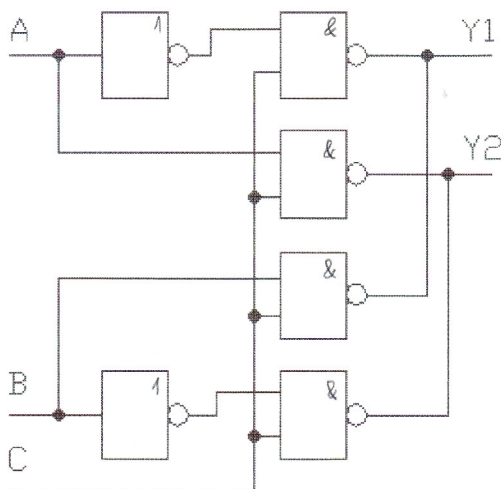
A	Y
0	0
1	1



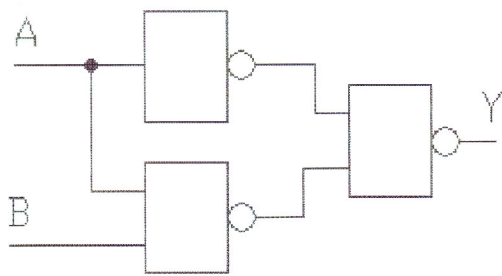
A	Y
0	1
1	0



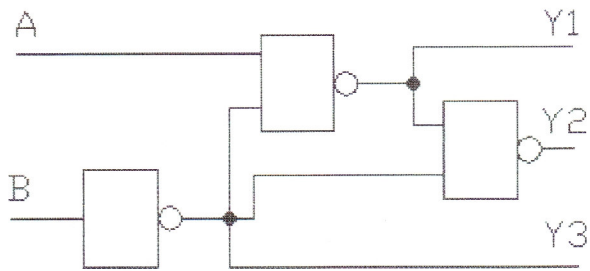
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1



A	B	C	Y1	Y2
0	0	0	1	1
0	1	0	1	1
1	0	0	1	1
1	1	0	1	1
0	0	1	1	1
0	1	1	0	1
1	0	1	1	0
1	1	1	1	1



A	B	Y
0	0	0
0	1	0
1	0	1
1	1	1



A	B	Y1	Y2	Y3
0	0	1	0	1
0	1	1	1	0
1	0	0	1	1
1	1	0	1	1
1	1	1	1	0