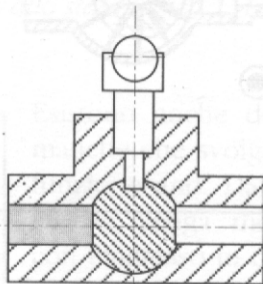
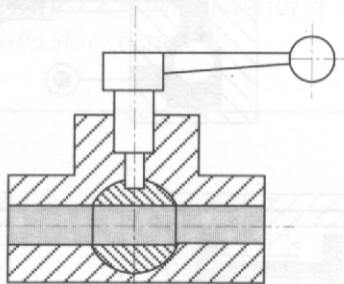
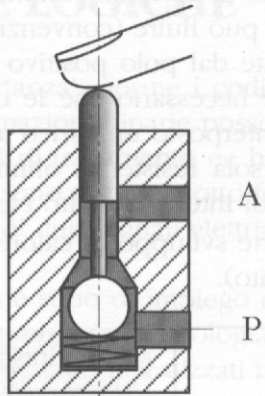
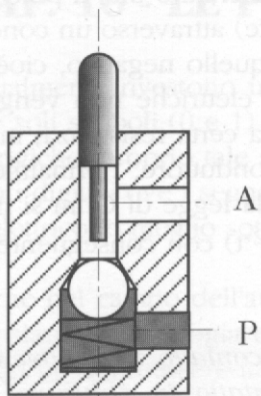
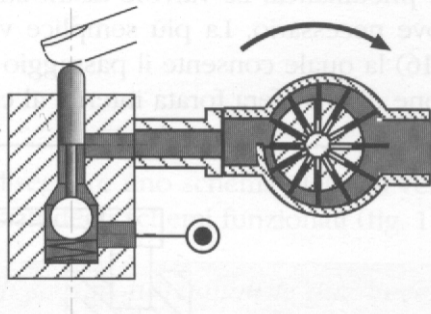
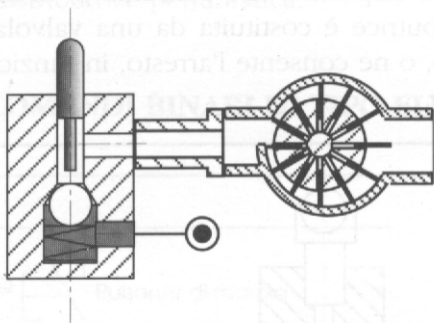


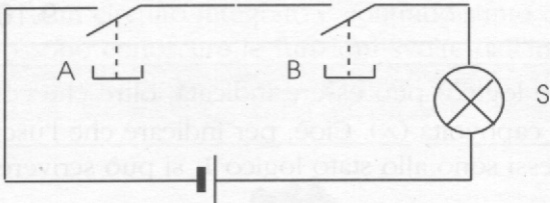
2.16



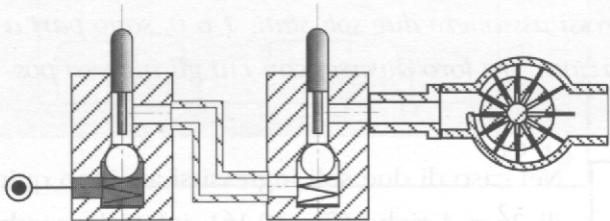


4.16



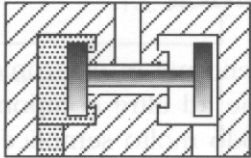
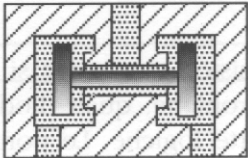


6.16



7.16

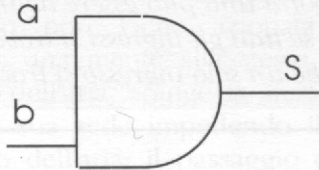
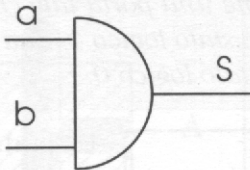
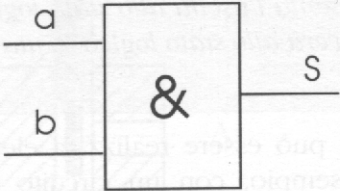
S



a

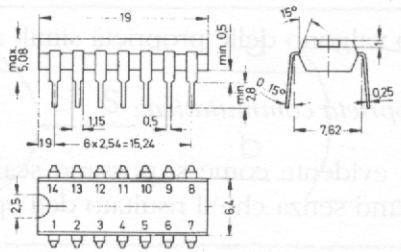
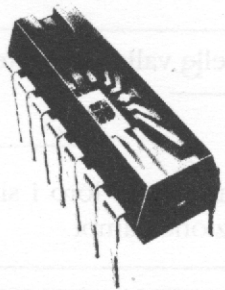
b

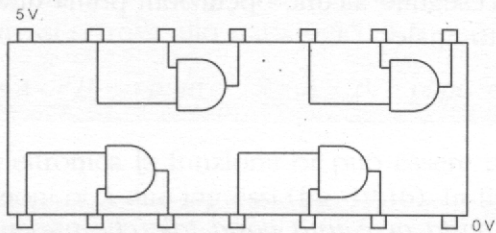
8.16



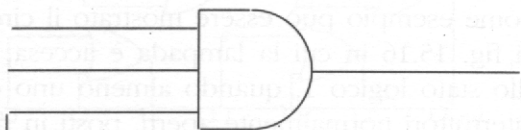
a	b	s
0	0	0
0	1	0
1	0	0
1	1	1

10.16



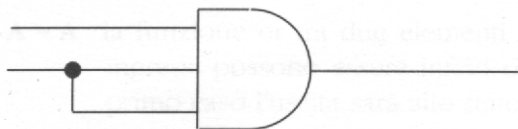


12.16



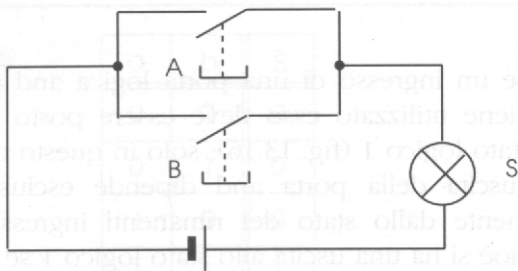
Se non collegato segnale
allo stato logico 1

13.16

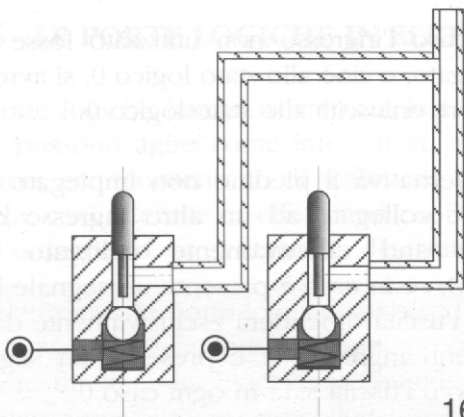


Se non collegato unire
ad un altro piedino

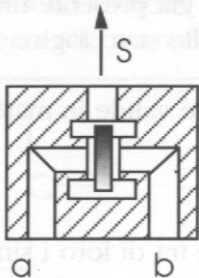
14.16



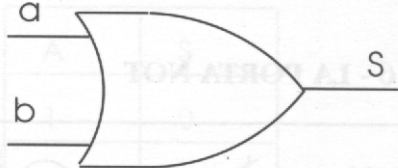
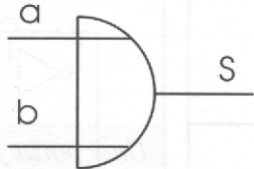
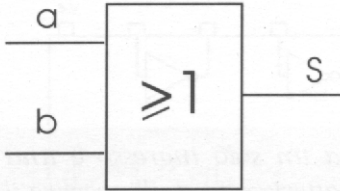
15.16

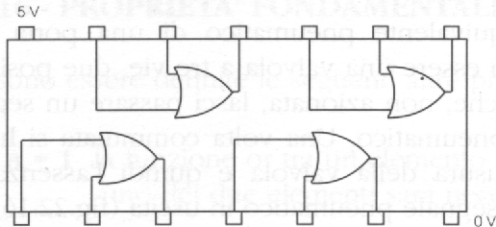


16.16



17.16

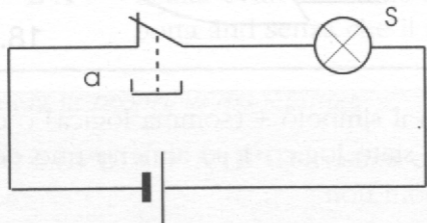




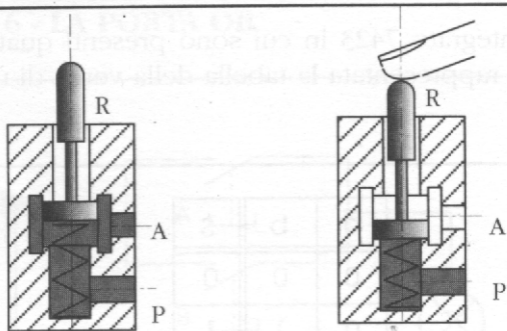
19.16

a	b	S
0	0	0
0	1	1
1	0	1
1	1	1

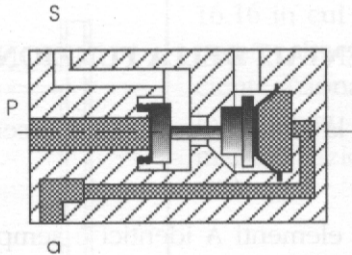
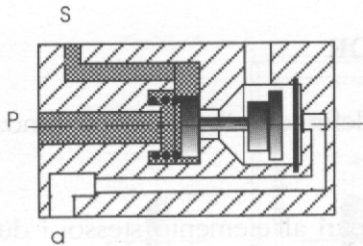
20.16

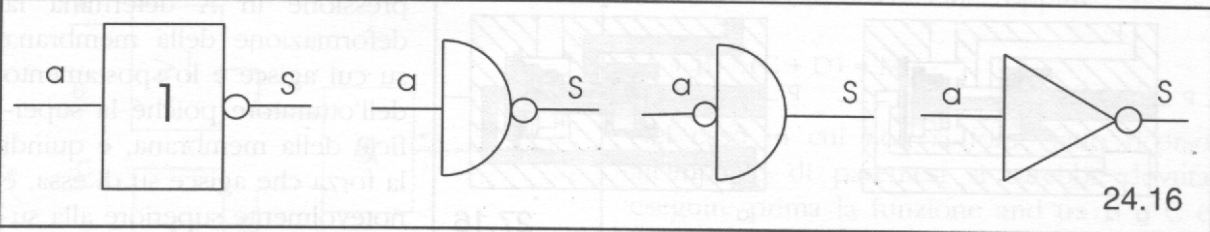


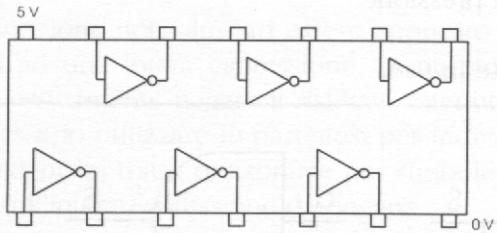
21.16



22.16



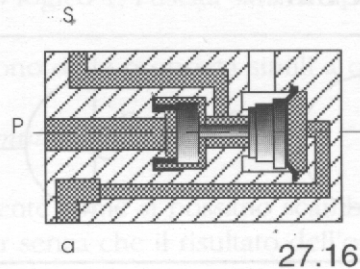
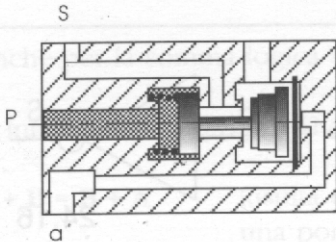


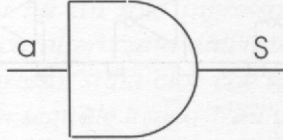
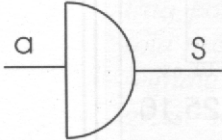
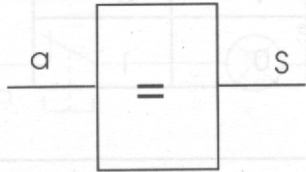


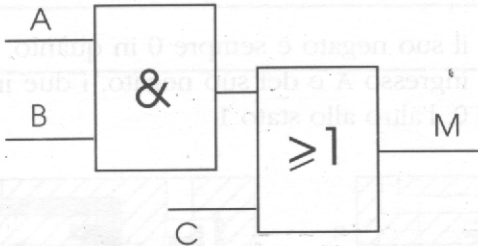
25.16

A	S
1	0
0	1

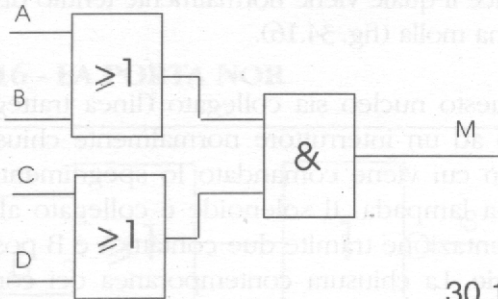
26.16



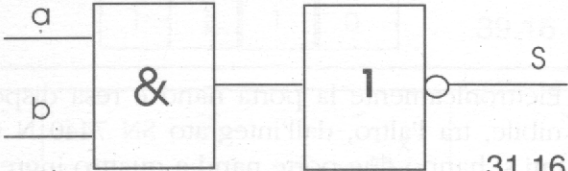




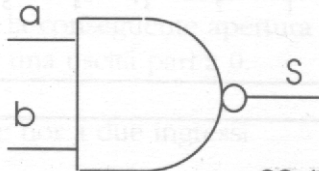
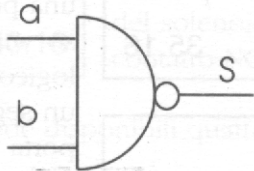
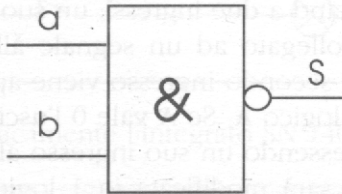
29.16



30.16



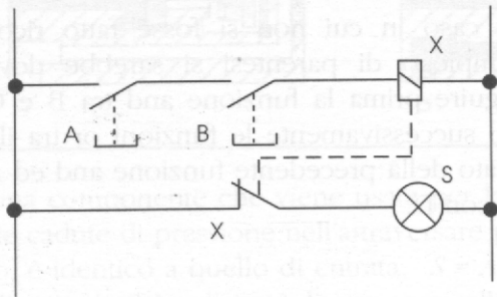
31.16



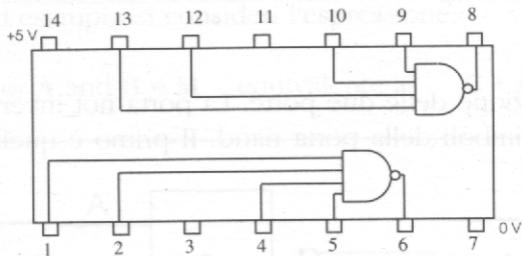
32.16

a	b	$a*b$	$S = \overline{a*b}$
0	0	0	1
0	1	0	1
1	0	0	1
1	1	1	0

33.16

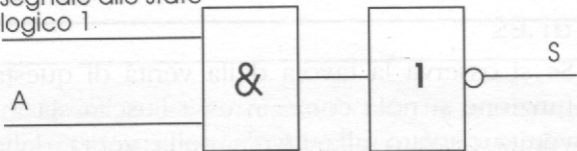


34.16

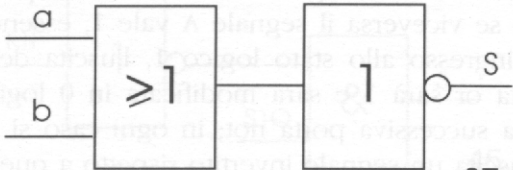


35.16

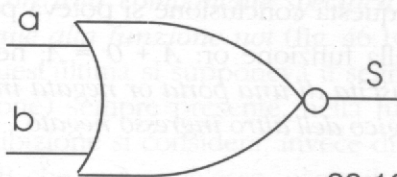
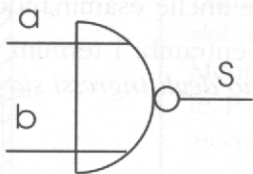
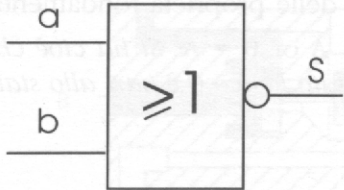
segnale allo stato logico 1.



36.16



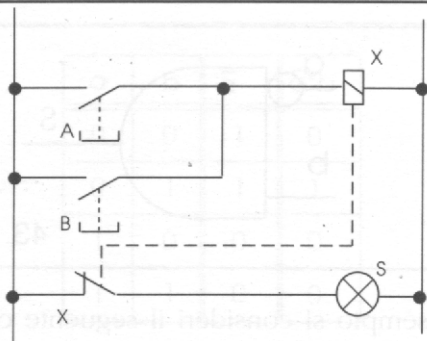
37.16



38.16

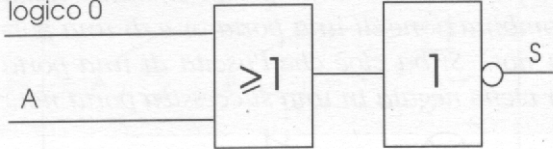
a	b	a+b	$\overline{a+b}$
0	0	0	1
0	1	1	0
1	0	1	0
1	1	1	0

39.16

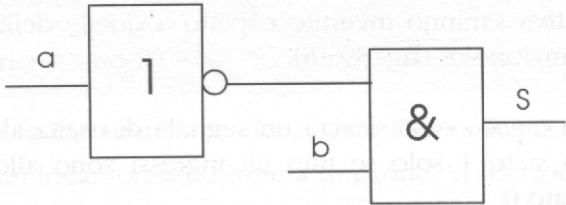


40.16

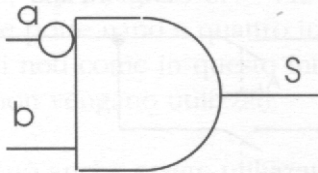
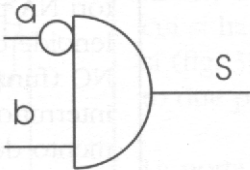
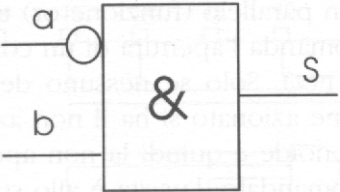
segnale allo stato
logico 0



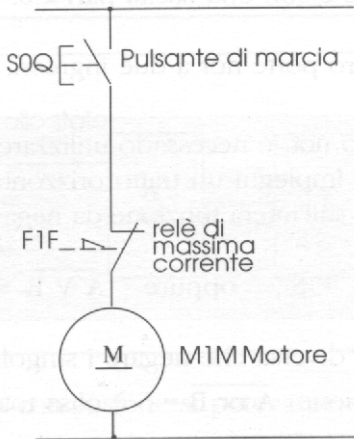
41.16



42.16

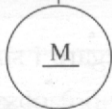


S0Q [Pulsante di marcia

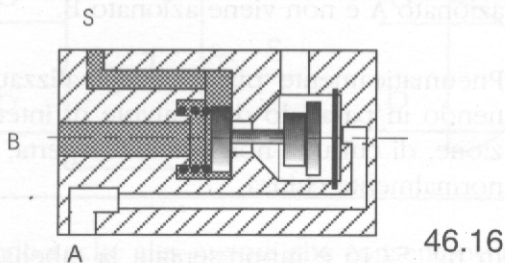
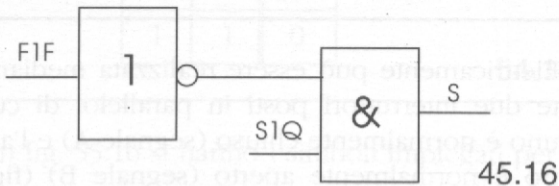


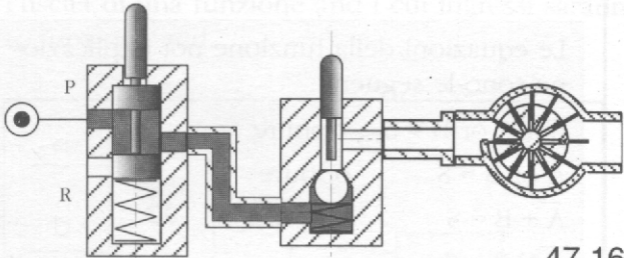
The diagram illustrates a simple electrical circuit. At the top, a horizontal line represents the main power supply. A vertical line descends from this supply to a switch labeled 'S0Q' with the text 'Pulsante di marcia' (Start button) next to it. Below the switch, the circuit continues vertically to another switch labeled 'F1F' with the text 'relè di massima corrente' (Maximum current relay) next to it. From the bottom of the relay, the circuit goes down to a circle representing a motor, labeled 'M' with 'M1M Motore' (Motor) to its right. Finally, a vertical line connects the bottom of the motor to a second horizontal line at the bottom, representing the return path to the power source.

F1F relè di massima corrente



M1M Motore

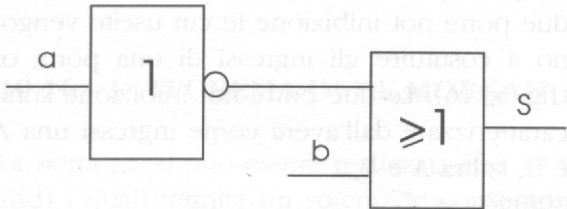




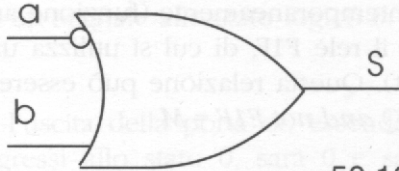
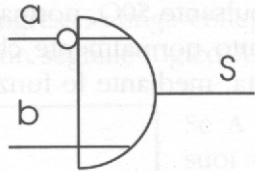
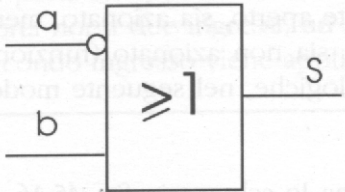
47.16

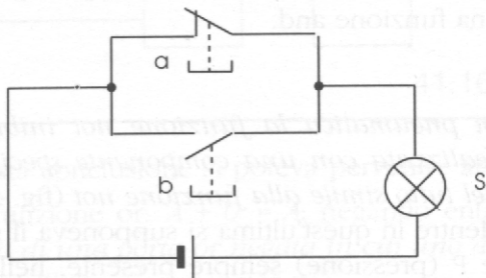
a	b	\bar{a}	$\bar{a} * b$
0	0	1	0
0	1	1	1
1	0	0	0
1	1	0	0

48.16



49.16

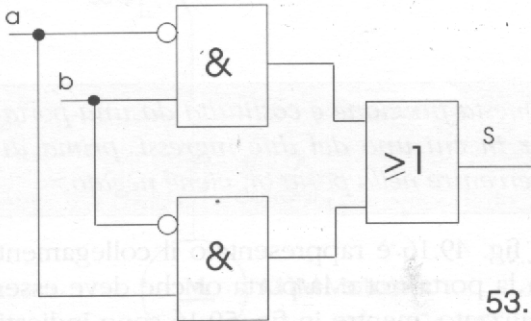




51.16

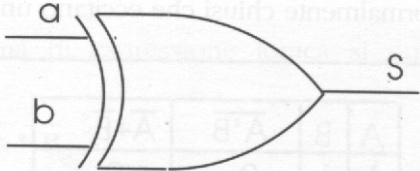
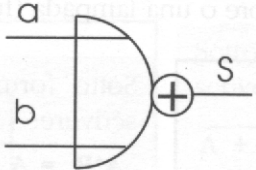
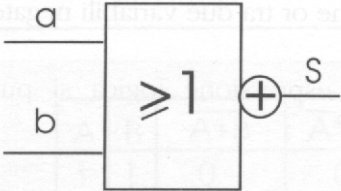
a	b	\bar{a}	$\bar{a}+b$
0	0	1	1
0	1	1	1
1	0	0	0
1	1	0	1

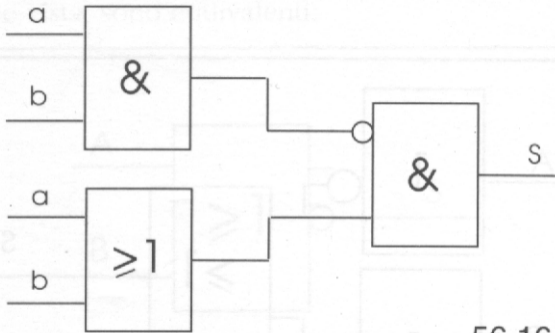
52.16



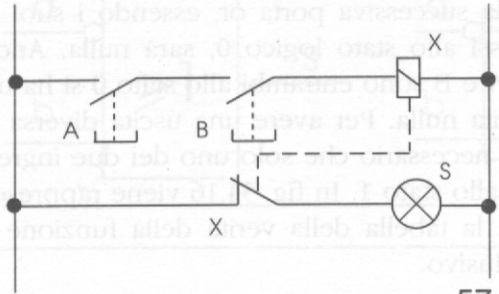
53.16

a	b	$a \oplus b$
0	0	0
0	1	1
1	0	1
1	1	0

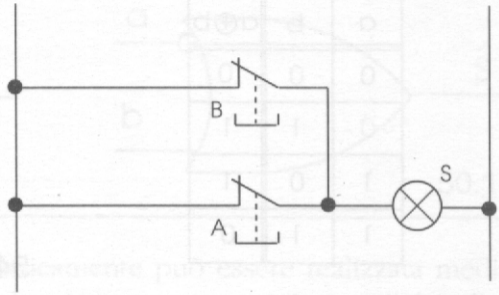




56.16

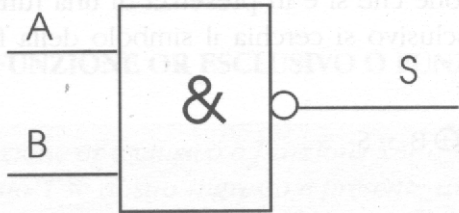


57.16

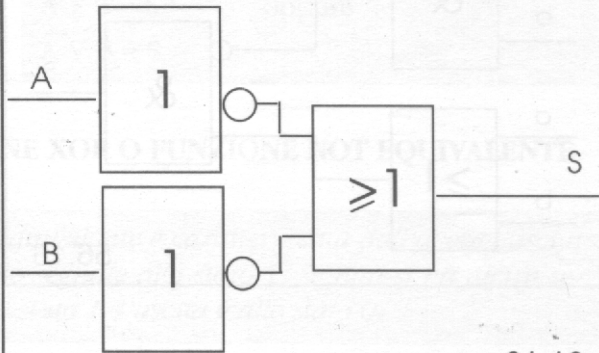


58.16

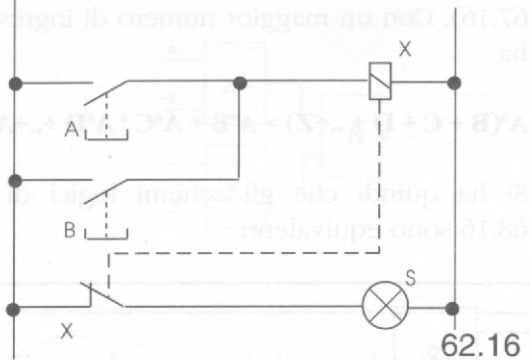
A	B	$\overline{A * B}$	$\overline{A} + \overline{B}$
1	1	0	0
1	0	1	1
0	1	1	1
0	0	1	1



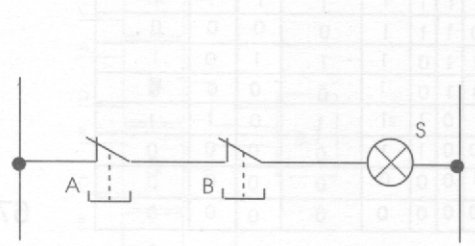
60.16



61.16



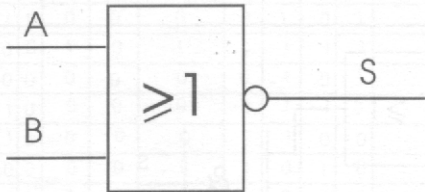
62.16



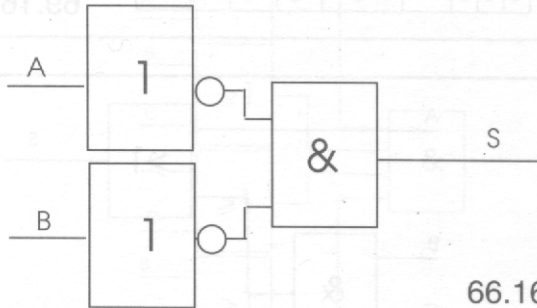
63.16

A	B	$\overline{A+B}$	$\overline{A} * \overline{B}$
1	1	0	0
1	0	0	0
0	1	0	0
0	0	1	1

64.16



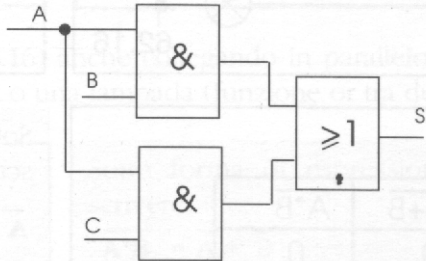
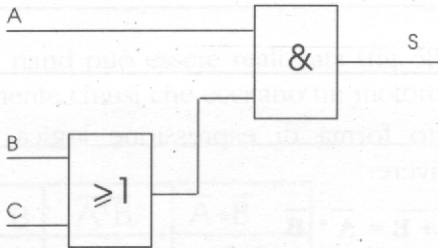
65.16



66.16

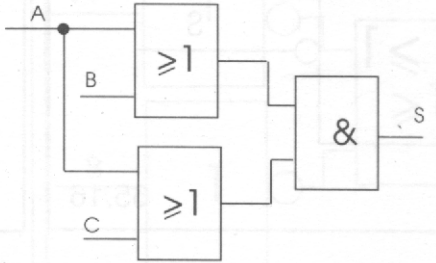
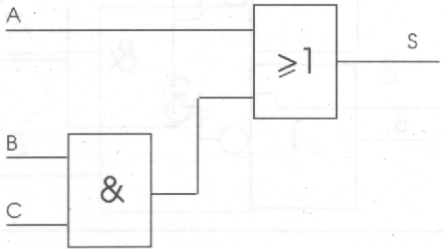
A	B	C	$B+C$	$A*(B+C)$	$A*B$	$A*C$	$A*B+A*C$
1	1	1	1	1	1	1	1
0	1	1	1	0	0	0	0
1	1	0	1	1	1	0	1
0	1	0	1	0	0	0	0
1	0	1	1	1	0	1	1
0	0	1	1	0	0	0	0
1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0

67.16



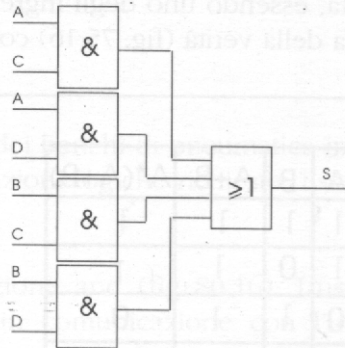
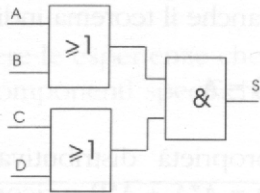
68.16

A	B	C	$B \cdot C$	$A + B \cdot C$	$A + B$	$A + C$	$(A + B) \cdot (A + C)$
1	1	1	1	1	1	1	1
0	1	1	1	1	1	1	1
1	1	0	0	1	1	1	1
0	1	0	0	0	1	0	0
1	0	1	0	1	1	1	1
0	0	1	0	0	0	1	0
1	0	0	0	1	1	1	1
0	0	0	0	0	0	0	0



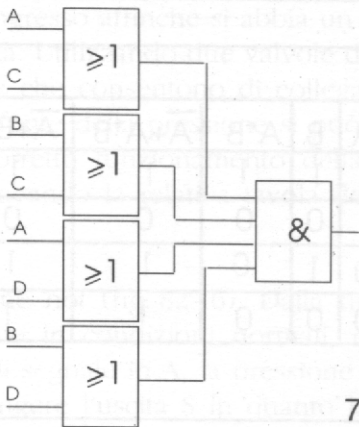
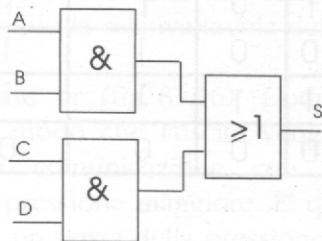
A	B	C	D	A+B	C+D	(A+B)(C+D)	A*C	A*D	B*C	B*D	A*C+A*D+B*C+B*D
1	1	1	1	1	1	1	1	1	1	1	1
0	1	1	1	1	1	1	0	0	1	1	1
1	1	0	1	1	1	1	0	1	0	1	1
0	1	0	1	1	1	1	0	0	0	1	1
1	0	1	1	1	1	1	1	1	0	0	1
0	0	1	1	0	1	0	0	0	0	0	0
1	0	0	1	1	1	1	0	1	0	0	1
0	0	0	1	0	1	0	0	0	0	0	0
1	1	1	0	1	1	1	1	0	1	0	1
0	1	1	0	1	1	1	0	0	1	0	1
1	1	0	0	1	0	0	0	0	0	0	0
0	1	0	0	1	0	0	0	0	0	0	0
1	0	1	0	1	1	1	1	0	0	0	1
0	0	1	0	0	1	0	0	0	0	0	0
1	0	0	0	1	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0

Una porta non può essere realizzata 71.16



A	B	C	D	A*B	C*D	A*B+C*D	A+C	B+C	A+D	B+D	(A+B)*(C+D)
1	1	1	1	1	1	1	1	1	1	1	1
0	1	1	1	0	1	1	1	1	1	1	1
1	1	0	1	1	0	1	1	1	1	1	1
0	1	0	1	0	0	0	0	1	1	1	0
1	0	1	1	0	1	1	1	1	1	1	1
0	0	1	1	0	1	1	1	1	1	1	1
1	0	0	1	0	0	0	1	0	1	1	0
0	0	0	1	0	0	0	0	0	1	1	0
1	1	1	0	1	0	1	1	1	1	1	1
0	1	1	0	0	0	0	1	1	0	1	0
1	1	0	0	1	0	1	1	1	1	1	1
0	1	0	0	0	0	0	0	1	0	1	0
1	0	1	0	0	0	0	1	1	1	0	0
0	0	1	0	0	0	0	1	1	0	0	0
1	0	0	0	0	0	0	1	0	1	0	0
0	0	0	0	0	0	0	0	0	0	0	0

73.16



74.16

A	B	$A*B$	$A+A*B$
1	1	1	1
1	0	0	1
0	1	0	0
0	0	0	0

75.16

A	B	A+B	$A*(A+B)$
1	1	1	1
1	0	1	1
0	1	1	0
0	0	0	0

76.16

A	B	$\bar{A}*B$	$A+\bar{A}*B$	A+B
1	1	0	1	1
1	0	0	1	1
0	1	1	1	1
0	0	0	0	0

77.16

A	B	$A * B$	$\overline{A} + A * B$	$\overline{A} + B$
1	1	1	1	1
1	0	0	0	0
0	1	0	1	1
0	0	0	1	1

78.16

A	B	$A * \overline{B}$	$\overline{A} + A * \overline{B}$	$\overline{A} + \overline{B}$
1	1	0	0	0
1	0	1	1	1
0	1	0	1	1
0	0	0	1	1

79.16