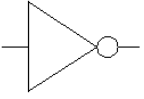
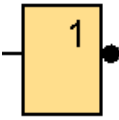
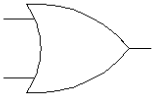
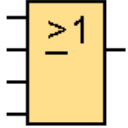
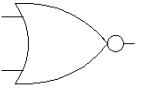
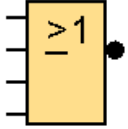
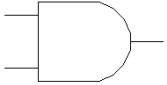
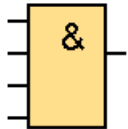
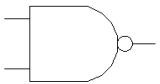
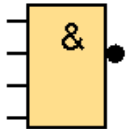

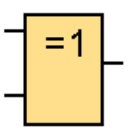
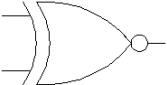
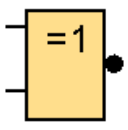


FUNKCJA LOGICZNA	ZAPIS MATEMATYCZNY FUNKCJI	SYMBOLE BRAMKI LOGICZNEJ	TABLICA PRAWDY															
A, B – wejścia bramki      Y – wyjście bramki																		
<b>NOT</b> (negacja)	$Y = \bar{A}$		 <table border="1" data-bbox="1169 338 1401 456"> <thead> <tr><th>A</th><th>Y</th></tr> </thead> <tbody> <tr><td>0</td><td>1</td></tr> <tr><td>1</td><td>0</td></tr> </tbody> </table>	A	Y	0	1	1	0									
A	Y																	
0	1																	
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<b>OR</b> (suma logiczna)	$Y = A + B$		 <table border="1" data-bbox="1118 528 1442 719"> <thead> <tr><th>A</th><th>B</th><th>Y</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>0</td><td>1</td><td>1</td></tr> <tr><td>1</td><td>0</td><td>1</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </tbody> </table>	A	B	Y	0	0	0	0	1	1	1	0	1	1	1	1
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<b>NOR</b> (negacja sumy)	$Y = \overline{A + B}$		 <table border="1" data-bbox="1118 790 1442 981"> <thead> <tr><th>A</th><th>B</th><th>Y</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>1</td></tr> <tr><td>0</td><td>1</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>0</td></tr> </tbody> </table>	A	B	Y	0	0	1	0	1	0	1	0	0	1	1	0
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<b>AND</b> (iloczyn logiczny)	$Y = A \cdot B$		 <table border="1" data-bbox="1118 1050 1442 1240"> <thead> <tr><th>A</th><th>B</th><th>Y</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>0</td><td>1</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </tbody> </table>	A	B	Y	0	0	0	0	1	0	1	0	0	1	1	1
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<b>NAND</b> (negacja iloczynu)	$Y = \overline{A \cdot B}$		 <table border="1" data-bbox="1118 1305 1442 1496"> <thead> <tr><th>A</th><th>B</th><th>Y</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>1</td></tr> <tr><td>0</td><td>1</td><td>1</td></tr> <tr><td>1</td><td>0</td><td>1</td></tr> <tr><td>1</td><td>1</td><td>0</td></tr> </tbody> </table>	A	B	Y	0	0	1	0	1	1	1	0	1	1	1	0
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<b>XOR</b> (alternatywa wykluczająca)	$Y = A \oplus B$		 <table border="1" data-bbox="1118 1559 1442 1749"> <thead> <tr><th>A</th><th>B</th><th>Y</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>0</td><td>1</td><td>1</td></tr> <tr><td>1</td><td>0</td><td>1</td></tr> <tr><td>1</td><td>1</td><td>0</td></tr> </tbody> </table>	A	B	Y	0	0	0	0	1	1	1	0	1	1	1	0
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<b>XNOR</b> (negacja alternatywy)	$Y = \overline{A \oplus B}$		 <table border="1" data-bbox="1118 1827 1442 2018"> <thead> <tr><th>A</th><th>B</th><th>Y</th></tr> </thead> <tbody> <tr><td>0</td><td>0</td><td>1</td></tr> <tr><td>0</td><td>1</td><td>0</td></tr> <tr><td>1</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> </tbody> </table>	A	B	Y	0	0	1	0	1	0	1	0	0	1	1	1
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