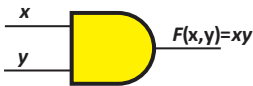
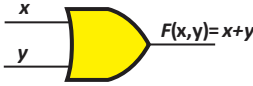
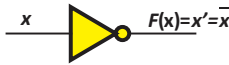


Name	Graphic Symbol	Algebraic Function	Truth Table		
AND		$F = xy$	x	y	F
			0	0	0
			0	1	0
			1	0	0
			1	1	1
OR		$F = x + y$	x	y	F
			0	0	0
			0	1	1
			1	0	1
			1	1	1
Inverter (NOT)		$F = \bar{x}$	x	F	
			0	1	
			1	0	
XOR (Exclusive-OR)		$F = x \oplus y$	x	y	F
			0	0	0
			0	1	1
			1	0	1
			1	1	0

In-class exercise: Draw a logic diagram for the Boolean function $F(x, y, z) = (x + y)z$.

