

All possible binary connectives I don't know names for these Sept 20, 2017

x	y	AND				?		XOR		OR
		F	$(x \wedge y)$	$x \wedge (\neg y)$	$\neg x$	$(\neg x) \wedge y$	y	$x \oplus y$	$(x \vee y)$	
0	0	0	0	0	0	0	0	0	0	
0	1	0	0	0	0	1	1	1	1	
1	0	0	0	1	1	0	0	1	1	
1	1	0	1	0	1	0	1	0	1	

x	y	NOR		IFF		NAND		T
		$\neg(x \vee y)$	$(x \leftrightarrow y)$	$(\neg y)$	$(y \rightarrow x)$	$(\neg x)$	$(x \rightarrow y)$	
0	0	1	1	1	1	1	1	1
0	1	0	0	0	0	1	1	1
1	0	0	0	1	1	0	0	1
1	1	0	1	0	1	0	1	1