Precedence and Associativity of C Operators

This table, or one similar to it, can be found in almost every book on C. It's worth keeping this with you as you program, because some of the precedences are not what you might expect.

precedence	class	operators	associativity
highest	primary	`() [] -> .`	left to right
	unary	`˜ ++ -- !` (*type*) `sizeof` `&` (address) `*` (pointer) $+$ (positive sign) $-$ (negative sign)	right to left
	multiplicative	`* / %`	left to right
	additive	`+ -`	left to right
	shift	`<< >>`	left to right
	relational	`< <= => >`	left to right
	equality	`== <=`	left to right
	bitwise and	`&`	left to right
	bitwise xor	`^`	left to right
	bitwise or	`|`	left to right
	logical and	`&&`	left to right
	logical or	`||`	left to right
	conditional	`? :`	right to left
	assignment	`= += -= *= /= %= &= ^= |=` `<<= >>=`	right to left
lowest	comma	`,`	left to right