

## Truth Tables: and, or, and not

These tables show the values of and, or, and not. The two operands of and and or, and the single operand of not, are Boolean variables or expressions.

$x$	$y$	$x \text{ and } y$
True	True	True
True	False	False
False	True	False
False	False	False

$x$	$\text{not } x$
True	False
False	True

$x$	$y$	$x \text{ or } y$
True	True	True
True	False	True
False	True	True
False	False	False