Multiple Quantifiers Requires at least two domains and a multivariable predicate. We will restrict our discussion to two independent variables.

$\forall x, \forall y, P(x, y)$	P(x,y) is true for every pair of x and y.
$\forall y, \forall x, P(x, y)$	P(x,y) is true for every pair of x and y.
$\forall x, \exists y, P(x, y)$	For every x there is y for which $P(x,y)$ is true.
$\exists x, \forall y, P(x, y)$	There is an x for which $P(x,y)$ is true for every y.
$\neg \cdots \neg \cdots $ $D(\cdots \cdots)$	
$\exists x, \exists y, P(x, y)$	There is a pair x, y for which P(x,y) is true
$\exists y, \exists x, P(x, y)$	There is a pair x, y for which $P(x,y)$ is true