U, W subspaces of V.

$U+W = \{x+y : x \in U, y \in W\}$

Let $a \in U+W \Rightarrow a = x+y : x \in U, y \in W$

Addition is commutative on $V \Rightarrow a = x+y = y+x$

$\Rightarrow a \in W+U$

$\Rightarrow U+W \subseteq W+U$ (1)

Let $b \in W+U \Rightarrow b = y+x : y \in W, x \in U$

Addition is commutative on $V \Rightarrow b = y+x = x+y$

$\Rightarrow b \in U+W$

$\Rightarrow W+U \subseteq U+W$ (2)

(1)(2) $\Rightarrow U+W = W+U$.