

$\sim \text{AT}(\text{Fido}, x_2)$

$\sim \text{AT}(\text{John}, x_1) \vee \text{AT}(\text{Fido}, x_1)$

$\{x_2/x_1\}$

$\sim \text{AT}(\text{John}, x_2)$

$\text{AT}(\text{John}, \text{School}),$

$\{\text{School}/x_2\}$

NIL

