

$$(x)(y) (Rxy \supset \sim Txy)$$

$$(\exists x)(y) (Txy \& \sim Uxy) \checkmark$$

$$\sim (\exists x)(\exists y) (Rxy \supset Uxy) \checkmark$$

$$(x) \sim (\exists y) (Rxy \supset Uxy) \checkmark$$

$$(x)(y) \sim [Rxy \supset Uxy]$$

$$(y) (Tay \& \sim Uay)$$

$$Taa \& \sim Uaa \checkmark$$

$$Taa$$

$$\sim Uaa$$

$$(y) (Ray \supset \sim Txy)$$

$$Raa \supset \sim Taa$$

$$(y) \sim (Ray \supset Uay)$$

$$\sim (Raa \supset Uaa) \checkmark$$

Practice Exam #4

$$Raa$$

$$\sim Uaa$$

$$\sim Raa$$

X

$$\sim Taa$$

X

Part III #3