

$\neg(\exists x: A(x) \rightarrow \exists x': A(x') \neg(\exists x: A(x) \rightarrow \neg(\exists x': A(x'))$

$\exists' x: A(x) \rightarrow \exists' x': A(x') \neg(\exists x: A(x) \rightarrow \neg(\exists x': A(x'))$
 $\neg \exists x: A(x) \rightarrow \neg \exists x': A(x')$

$\exists' x: A(x) \rightarrow \exists' x': A(x') \neg(\exists x: A(x) \rightarrow \neg(\exists x': A(x'))$
 $\neg \exists x: A(x) \rightarrow \neg \exists x': A(x')$