

Quantificational Inference Rules

First reverse
squiggles

$$\begin{array}{l} \sim(x)Fx \rightarrow (\exists x)\sim Fx \\ \sim(\exists x)Fx \rightarrow (x)\sim Fx \end{array}$$

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and drop
existentials.

$$(\exists x)Fx \rightarrow Fa,$$

use a *new* constant

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Lastly, drop
universals.

$$(x)Fx \rightarrow Fa,$$

use any constant

Don't
star