1: $\neg \exists x. \neg R(x)$ premise

2: $\neg \exists x. \neg R(x) \vee \_B1$ $\vee$ intro 1

3: | actual i   assumption

    ...

4: | $R(i)$

5: $\forall y. R(y)$ $\forall$ intro 3-4

Provided:

i NOTIN _B1