

Inference at * 2
of proof for Lemma linorder_le_neg:

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1. T : Type
2. R : T → T → ℙ
3. Linorder(T;x,y.R(x,y))
4. a : T
5. b : T
6. strict_part(x,y.R(x,y);b;a)
⊢ ¬R(a,b)
  by (((D 6)
    CollapseTHEN (ProveProp)))·
    CollapseTHEN ((Auto_aux (first_nat 1:n
      ) ((first_nat 1:n),(first_nat 1000:n)) (first_tok :t) inil_term)))·
  .

```