

Inference at * 1 1 1 3
of proof for Lemma mul_cancel_in_eq:

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1.  $a : \mathbb{Z}$ 
2.  $b : \mathbb{Z}$ 
3.  $m : \mathbb{N}^+$ 
4.  $(m * a) = (m * b)$ 
5.  $a < b$ 
 $\vdash a = b$ 
  by ((InstLemma 'mul_preserves_lt' [a;b;m])
    CollapseTHEN ((Auto_aux (first_nat 1:n
      ) ((first_nat 2:n),(first_nat 3:n)) (first_tok :t) inil_term))))
.

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