

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

```
1. a : ℤ
2. b : ℤ
3. m : ℕ+
4. (m * a) = (m * b)
5. a > b
⊢ a = b
  by ((InstLemma 'mul_preserves_lt' [b;a;m])
    CollapseTHEN ((Auto_aux (first_nat 1:n
      ) ((first_nat 2:n),(first_nat 3:n)) (first_tok :t) inil_term))))
.
```