

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

```

1. a : ℤ
2. b : ℤ
3. ((-a) * (-b)) > ((-a) * 0)
4. a < 0
⊢ b < 0
  by ((FLemma 'mul_cancel_in.lt' [3])
    CollapseTHEN ((Auto_aux (first_nat 1:n
      ) ((first_nat 2:n),(first_nat 3:n)) (first_tok SupInf:t) inil_term))))
.

```