

Inference at * 2 2
of proof for Lemma pos_mul_arg_bounds:

```

1. a : ℤ
2. b : ℤ
3. a < 0
4. b < 0
⊢ (a * b) > 0
  by ((ReplaceWithEqv (TryC (HigherC IntSimpC)) ((-a) * (-b)) > 0 0)
    CollapseTHEN (
      (Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

```

1:

⊢ ((-a) * (-b)) > 0

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