

Inference at * 1 1
of proof for Lemma pos_mul_arg_bounds:

```
1. a : ℤ
2. b : ℤ
3. (a * b) > 0
4. a < 0
⊢ ((a > 0) & (b > 0)) ∨ ((a < 0) & (b < 0))
  by ((Sel 2 (D 0))
    CollapseTHEN ((Auto_aux (first_nat 1:n) ((first_nat 1:n),(first_nat
      3:n)) (first_tok :t) inil_term))).
```

1:

⊢ b < 0

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