Inference at $*$ 1 3 1 1
 of proof for Lemma pos_mul_arg_bounds:

1. $a : \mathbb{Z}$
2. $b : \mathbb{Z}$
3. $(a * b) > (a * 0)$
4. $a > 0$

$\vdash b > 0$

```
  by ((FLemma 'mul_cancel_in_lt' [3])
  CollapseTHEN ((Auto_aux (first_nat 1:n
    ) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

    .
```

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http://www.nuprl.org/FDLcontent/p0_942988_/p121_74180_{pos_mul_arg_bounds}1_3_1_1.html