

Inference at * 1
of proof for Lemma mul_cancel_in_le:

```

1. a : ℤ
2. b : ℤ
3. n : ℕ+
4. (n * a) ≤ (n * b)
⊢ a ≤ b
  by ((Assert ((n * a) < (n * b)) ∨ ((n * a) = (n * b)))
  CollapseTHEN (
    (Auto_aux (first_nat 1:n) ((first_nat 2:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

1:

5. ((n * a) < (n * b)) ∨ ((n * a) = (n * b))
⊢ a ≤ b
.
```