

Inference at * 1 1
of proof for Lemma mul_cancel_in_eq:

```

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

```

1:

```

3. m : ℕ+
4. (m * a) = (m * b)
5. (a > b) ∨ (a = b) ∨ (a < b)
⊢ a = b
.

```