

Inference at * 1
of proof for Lemma mul_cancel_in_eq:

```

1. a : ℤ
2. b : ℤ
3. n : ℤ-o
⊢((n * a) = (n * b)) ⇒ (a = b)
  by ((Assert ∀m:ℕ+. ((m * a) = (m * b)) ⇒ (a = b))
    CollapseTHEN ((Auto_aux (first_nat
      1:n) ((first_nat 1:n),(first_nat 3:n)) (first_tok :t) inil_term))))·

1:

    4. m : ℕ+
    5. (m * a) = (m * b)
    ⊢ a = b
2:

    4. ∀m:ℕ+. ((m * a) = (m * b)) ⇒ (a = b)
    5. (n * a) = (n * b)
    ⊢ a = b
.

```