

Inference at * 1
of proof for Lemma add_cancel_in_eq:

```

1. a : ℤ
2. b : ℤ
3. n : ℤ
4. a+n = b+n
⊢ a = b
  by ((Assert ((a+n) - n) = ((b+n) - n))
  CollapseTHENM ((Auto_aux (first_nat 1:n
    ) ((first_nat 2:n),(first_nat 3:n)) (first_tok :t) inil_term)))·

```

1:assertion..... NILNIL

⊢ ((a+n) - n) = ((b+n) - n)

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